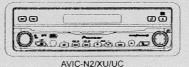
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Service Manual



ORDER NO. CRT3423

DVD MULTIMEDIA AV NAVIGATION SERVER

AVIC-N2/XU/UC DVD AV NAVIGATION HEAD-UNIT AVIC-X1R/XU/EW

This service manual should be used together with the following manual(s):

Model No.	Order No.	Mech.Module	Remarks
CX-3016	CRT3056	MS3	DVD Mech. Module:Circuit Description, Mech. Description, Disassembly

NOTE:

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

This product has the unit part number as below.

Unit Part No.	Description
CPN1955	Navigation Unit(AVIC-N2/XU/UC)
CPN1953	Hideaway Unit(AVIC-N2/XU/UC)
CPN1954	Navigation Unit(AVIC-X1R/XU/EW)
CPN1952	Hideaway Unit(AVIC-X1R/XU/EW)

^{*)} The unit part numbers listed above are not for the service components.



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SAFETY INFORMATION

UC

CAUTION

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.

Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.
Health & Safety Code Section 25249.6 - Proposition 65

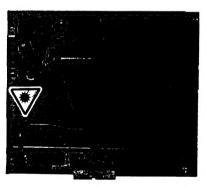
This product contains mercury. Disposal of this material may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronics Industries Alliance: www.eiae.org.

EW

- 1. Safety Precautions for those who Service this Unit.
- Follow the adjustment steps in the service manual when servicing this unit. When checking
 or adjusting the emitting power of the laser diode exercise caution in order to get safe, reliable results.

Caution:

- 1. During repair or tests, minimum distance of 13cm from the focus lens must be kept.
- 2. During repair or tests, do not view laser beam for 10 seconds or longer.
- The triangular label is attached to the mechanism unit frame.



CAUTION

This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.

Refer all servicing to qualified personnel.

The following caution label appears on your unit.

Location: on the bottom of the unit



On the top of the player.

CAUTION	. VISIBLE AND BAYSIBLE LASER RADIATION WHEN OPEN AVOID EXPOSLING TO BEAM.
VORSICHT	SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG LIENN ARDECKUNG GEÖFFNET NICH? DEM STRAIR AUSSETZEN
ADVARSEL	STERIG DIG JEYMANG LASERSTRÅLING VED ÅBARNIG UNDGÅ UDSJETTELSE FOR STRALING
VARNING	. STHLIG DOH DETHLIG LASERSTRAL HING HAR DENNA. DEL ÁR ÖPPNAD BETRAKTA EJ STRÁLEA
VARO!	AVATTAESSA AL'ETUT KARI VA SI NAKYMATTOMALLE LASERSATEL YLLE ÅLÅ KATSO SÅ TELSEN I VELTSKE

WARNING!

The AEL (accessible emission level) of the laser power output is less than CLASS 1 but the laser component is capable of emitting radiation exceeding the limit for CLASS 1.

A specially instructed person should do servicing operation of the apparatus.

Laser diode characteristics Wave length:

DVD:640~660nm CD:770~810nm

Maximum output:2.48mw(Emitting period :9sec.)
DVD:705μw(Emitting period : unlimited)

Additionla Laser Caution

Transistors Q1101 and Q1102 in PCB drive the laser diodes for DVD and CD respectively. When Q1101 or Q1102 is shorted between their terminals, the laser diodes for DVD or CD will radiate beam. If the top cover is removed with no disc loaded while such short-circuit is continued, the naked eyes may be exposed to the laser beam.

AVIC-N2/XU/UC

AVIC-N2/XU/UC

1. You should conform to the regulations governing the product (safety, radio and noise, and other regulations), and should keep the safety during servicing by following the safety instructions described in this manual

DVD MECHANISM MODULE section precaution

- 1. Before disassembling the unit, be sure to turn off the power. Unplugging and plugging the connectors during power-on mode may damage the ICs inside the unit.
- 2. To protect the pickup unit from electrostatic discharge during servicing, take an appropriate treatment (shorting-solder) by referring to "the DISASSEMBLY"
- 3. After replacing the pickup unit, be sure to check the grating.
- 4. During disassembly, be sure to turn the power off since an internal IC might be destroyed when a connector is plugged or unplugged.

NAVIGATION UNIT section precaution

- Inverter for LCD back light becomes a high voltage.
- 2. When inspecting the touch panel, use something thin with a round tip such as the touch pen. Furthermore, do not apply excessive force to the touch panel.
- 3. Since this product does not have OSD IC, OSD for adjustment is displayed by using GGF1416 and GGF1463 at the time of monitor adjustment. As you will find lands for 14 pins with 0.8mm pitch at the left top part of the monitor board, directly solder a flexible PCB of GGD1323 for adjustment. As GGD1322 is not used, be careful not to short the terminal.
- 4. The region code determination at the time of DVD hardware change is made by the destination (UC: Region 1, EW: Region 2) of the car control unit.
- 5. If you reconnected the Hide-away unit, press the RESET button.









С

is a trademark of DVD Format/Logo Licensing Corporation.

[Important Check Points for Good Servicing]

In this manual, procedures that must be performed during repairs are marked with the below symbol. Please be sure to confirm and follow these procedures.

1. Product safety



Please conform to product regulations (such as safer, and radiation regulations), and maintain a safe servicing environment by following the safety instructions described in this marual.

① Use specified parts for repair.

Use genuine parts. Be sure to use important parts for safety.

2 Do not perform modifications without proper instructions.

Please follow the specified safety methods when mocrification(addition/change of parts) is required due to interferences such as radio/TV interference and foreign noise.

(3) Make sure the soldering of repaired locations is properly performed.

When you solder while repairing, please be sure that there are no cold solder and other debris. Soldering should be finished with the proper quarter. Refer to the example)

(4) Make sure the screws are tightly fastened

Please be sure that all screws are fastened, and that There are no loose screws.

(§) Make sure each connectors are correctly inserted.

Please be sure that all connectors are inserted, and that there are no imperfect insertion.

Make sure the wiring cables are set to their original state.

Please replace the wiring and cables to the original state after repairs. In addition, be sure that there are no pinched wires, etc.

Make sure screws and soldering scraps do not remain inside the product.

Please check that neither solder debris nor screws remain inside the product.

(8) There should be no semi-broken wires, scratches, melting, etc. on the coating of the power cord.

Damaged power cords may lead to fire accidents, so clease be sure that there are no damages. If you find a damaged power cord, please exchange t with a suitable one.

There should be no spark traces or similar marks on the power plug.

When spark traces or similar marks are found on the power supply plug, please check the connection and advise on secure connections and suitable usage. Please exchange the power cord if necessary.

10 Safe environment should be secured during servicing.

When you perform repairs, please pay attention to static electricity, furniture, household articles, etc. in order to prevent injuries. Please pay attention to your surroundings and repar safely.

2. Adjustments



To keep the original performance of the products, octimum adjustments and confirmation of characteristics within specification. Adjustments should be performed in accordance with the procedures/instructions described in this manual.

3. Lubricants, Glues, and Replacement parts



Use grease and adhesives that are equal to the specified substance. Make sure the proper amount is applied.

4. Cleaning



For parts that require cleaning, such as optical pickucs, tape deck heads, lenses and mirrors used in projection monitors, proper cleaning should be performed to restore their performances.

5. Shipping mode and Shipping screws



To protect products from damages or failures during transit, the shipping mode should be set or the shipping screws should be installed before shipment. Please be sure to follow this method especially if it is specified in this manual.

CONTENTS

1. SPECIFICATIONS 2. EXPLODED VIEWS AND PARTS LIST 2.1 PACKING (AVIC-N2/XU/UC) 2.2 PACKING (AVIC-N1/XU/UC) 2.3 NAVIGATION UNIT (1) 2.4 NAVIGATION UNIT (1) 2.4 NAVIGATION UNIT (2) 2.5 NAVIGATION UNIT (3) 2.6 HIDEAWAY UNIT AND CORD ASSY 2.7 DVD MECHANISM MODULE 3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM. 3.1 BLOCK DIAGRAM. 3.2 OVERALL CONNECTION DIAGRAM. 3.3 CC UNIT (PS/SIGUIDE PAGE) 3.4 CC UNIT (SYSCOM, VIDEO, IF/IGUIDE PAGE) 3.5 CC UNIT (PS/SIGUIDE PAGE) 3.6 CC UNIT (FULL ASIC, SDRAM)(GUIDE PAGE) 3.7 CC UNIT (GAPPIEIC). 3.8 CC UNIT (INAN). CC CORE IF) 3.9 CC UNIT (RAND, CC CORE IF) 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 XVD CORE UNTI(MS3)(CPU/GUIDE PAGE). 3.13 DVD CORE UNTI(MS3)(CPU/GUIDE PAGE). 3.14 COMPOUND UNIT(MS3) 3.15 VU UNIT(REFERENCE). 3.16 MONTOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RCLAY PCB. 3.19 MOTHER PCB (EVIA SYSTEM)(GUIDE PAGE). 3.10 MOTHER PCB (EVIA SYSTEM)(GUIDE PAGE). 3.10 MOTHER PCB (EVIA SYSTEM)(GUIDE PAGE). 3.11 MOTHER PCB. 3.12 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.12 GPS UNITIGJDE PAGE). 3.14 COMPIER PCB (SENSOR). 3.15 MOTHER PCB. 4.1 PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.1 MOTHER PCB. 4.1 DVD CORE UNITIMS3). 4.5 COMPOUND UNITIAND VOLUME UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNITIMS3). 4.5 COMPOUND UNITIAND VOLUME UNIT. 4.2 KEYBOARD PCB. 4.1 MOTHER PCB. 4.1 DVD CORE UNITIMS3). 4.5 COMPOUND UNITIAND VOLUME UNIT. 4.5 KEYBOARD PCB. 4.1 MOTHER PCB. 4.1 MOTHER PCB. 4.1 DRIAGNAM. 4.1 CC UNIT. 4.1 SWUNIT AND VOLUME UNIT. 5. ELECTRICAL PARTS LIST. 6. ADJUSTMENT. 6. SUNICAL PCB. 6. BUSING THE TEST DISC. 7. GENERAL HARROMATION. 7.1 DIAGNOSIS. 7.1 LIDISASSEMBLY.	SAFETY INFOR	MATION	
2 EXPLODED VIEWS AND PARTS LIST 2.1 PACKING (ANIC-N2/XU/UC) 2.2 PACKING (ANIC-N2/XU/UC) 2.3 NAVIGATION UNIT (1) 2.4 NAVIGATION UNIT (2) 2.5 NAVIGATION UNIT (3) 2.6 HIDEAWAY UNIT AND CORD ASSY 2.7 DVD MECHANISM MODULE 3.1 BLOCK DIAGRAM 3.1 BLOCK DIAGRAM 3.2 OVERALL CONNECTION DIAGRAM 3.3 CO UNIT (PS)(GUIDE PAGE) 3.4 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE) 3.5 CC UNIT (AUDIO)(GUIDE PAGE) 3.6 CC UNIT (FOR SCHEMATIC) 3.7 CC UNIT (FOR SCHEMATIC) 3.8 CC UNIT (FOR SCHEMATIC) 3.9 CC UNIT (FOR SCHEMATIC) 3.10 KEYBOARD PCB 3.11 PANEL PCB 3.11 PANEL PCB 3.12 DVD CORE UNIT (MS3)(CPU)(GUIDE PAGE) 3.13 DVD CORE UNIT (MS3)(CPU)(GUIDE PAGE) 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 3.15 PU UNIT (REFERENCE) 3.16 MONITOR PCB AND UPPER PCB (GUIDE PAGE) 3.17 INVESTER PCB 3.18 RELAY PCB 3.19 MOTHER PCB (HA SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (HA SYSTEM)(GUIDE PAGE) 3.21 CONNECTOR PCB 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 4.2 KEYBOARD PCB 4.4 DVD CORE UNIT(MS3) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 3.23 GFS UNITIC/GUIDE PAGE) 3.24 MAIN UNIT, SW UNIT AND VOLUME UNIT 4.2 KEYBOARD PCB 4.4 DVD CORE UNIT(MS3) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.6 CONNECTOR PCB 4.7 MONITOR PCB 4.8 PCB 4.9 NOVERTER PCB 4.1 MONITOR PCB 4.1 MONITOR PCB 4.1 MONITOR PCB 4.2 KEYBOARD PCB 4.3 PANEL PCB 4.4 DVD CORE UNIT(MS3) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.1 CC UNIT 4.2 KEYBOARD PCB 4.1 MONITOR PCB 4.2 MONITOR PCB 4.3 MONITOR PCB 4.4 MONITOR PCB 4.5 MONITOR PCB 4.5 MONITOR PCB 4.5 MONITOR PCB 4.6 MONITOR PCB 4.7 MONITOR PCB 4.8 MONITOR PCB 4.9 MONITOR PCB 4.1 MONITOR PCB 4.2 MONITOR PCB 4.3 MONITOR PCB 4.4 MONITOR PCB 4.4 MONITOR PCB 4.5 MONITOR PCB 4.5 MONITOR PCB 4.5 MONITOR PCB 4.7 MONITOR PCB 4.7 MONIT			
2.1 PACKING (AWC-NEXVUEW). 2.2 PACKING (AWC-NEXVUEW). 2.3 NAVIGATION UNIT (1). 2.4 NAVIGATION UNIT (2). 2.5 NAVIGATION UNIT (2). 2.5 NAVIGATION UNIT (2). 2.6 HIDEAWAY UNIT AND CORD ASSY. 2.7 DVD MECHANISM MODULE. 3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM. 3.1 BLOCK DIAGRAM. 3.2 OVERALL CONNECTION DIAGRAM. 3.3 COVERALL CONNECTION DIAGRAM. 3.3 CC UNIT (PS)(GUIDE PAGE). 3.4 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.6 CC UNIT (AUDIO)(GUIDE PAGE). 3.6 CC UNIT (AUDIO)(GUIDE PAGE). 3.1 CC UNIT (ROAD ROAD, BUS-BUFFER). 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.11 PANEL PCB. 3.11 PANEL PCB. 3.13 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.15 PU UNIT(REFERENCE). 3.16 MONDOUND UNIT(A) AND COMPOUND UNIT(B). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (BHA SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (BHA SYSTEM)(GUIDE PAGE). 3.21 MOTHER PCB (BHA SYSTEM)(GUIDE PAGE). 3.22 MANI UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GJIDE PAGE). 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.10 MOTHER PCB. 4.11 MOTHER PCB. 4.12 MOTHER PCB. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 5. ELECTRICAL PARTS LIST. 6. ADJUSTMENT. 6. ADJUSTMENT. 6. ADJUSTMENT. 6. SUINT THE TEST DISC. 7. GENERAL INFORMATION. 7.1.1 DIBANSSIEW.	2. EXPLODED V	IEWS AND PARTS LIST	
2 2 PACKING (ANC-X-1R/XULEW) 2 3 NAVIGATION UNIT (1) 2 4 NAVIGATION UNIT (2) 2.5 NAVIGATION UNIT (3) 2.6 HIDEAWAY UNIT AND CORD ASSY 2.7 TOVD MECHANISM MODULE 3. BLOCK DIAGRAM 3.1 BLOCK DIAGRAM 3.1 BLOCK DIAGRAM 3.2 OVERALL CONNECTION DIAGRAM 3.3 C UNIT (PS)(GUIDE PAGE) 3.5 CC UNIT (SYSCOM, UDEO, IF, GUIDE PAGE) 3.5 CC UNIT (AUDIO)(GUIDE PAGE) 3.6 CC UNIT (GRAPHIC) 3.8 CC UNIT (GRAPHIC) 3.9 CC UNIT (ROM, SRAM, BUS-BUFFER) 3.10 KEYBOARD PCB 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE) 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE) 3.13 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE) 3.14 COMPOUND UNIT(3) AND COMPOUND UNIT(B) 3.15 PU UNIT(REFENCE) 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE) 3.17 INVERTER PCB 3.19 MOTHER PCB (HIA SYSTEM)(GUIDE PAGE) 3.19 MOTHER PCB (BIA SYSTEM)(GUIDE PAGE) 3.19 MOTHER PCB (BIA SYSTEM)(GUIDE PAGE) 3.19 MOTHER PCB (BIA SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (BIA SYSTEM)(GUIDE PAGE) 3.21 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GUIDE PAGE) 4.2 KEYBOARD PCB 4.3 PANEL PCB 4.4 PCB CONNECTION DIAGRAM 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB 4.4 PCB CONNECTION DIAGRAM 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB 4.4 DYD CORE UNIT(MS3) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.6 CONNECTOR PCB 4.7 MONITOR PCB 4.9 INVERTER PCB 4.1 MOTHER PCB (BUISTMENT 6.1 JIG CONNECTION DIAGRAM 6.2 DVD ADJUSTMENT 6.3 LICKTER PCB ADJUSTMENT 6.4 JOTHER PCB GDUISTMENT 6.5 LICKTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE PCS DISC. 7.1 DIAGNOSIS 7.1 IDIAGNOSIS 7.1 IDIAGNOSIS 7.1 IDIAGNOSIS			
2.3 NAVIGATION UNIT (2). 2.4 NAVIGATION UNIT (2). 2.5 NAVIGATION UNIT (2). 2.5 NAVIGATION UNIT (2). 2.6 HIDEAWAY UNIT AND CORD ASSY. 2.7 DVD MECHANISM MODULE. 3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM. 3.1 BLOCK DIAGRAM. 3.2 OVERALL CONNECTION DIAGRAM. 3.2 OVERALL CONNECTION DIAGRAM. 3.3 CC UNIT (PS)(GUIDE PAGE). 3.4 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.6 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE). 3.7 CC UNIT (GRAPHIC). 3.9 CC UNIT (MAIN, CC CORE UF). 3.9 CC UNIT (MAIN, CC CORE UF). 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNITI(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNITI(MS3)(SODC)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (HIA SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (HIA SYSTEM)(GUIDE PAGE). 3.21 MONDECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 CRONNECTOR PCB. 3.24 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.25 CONNECTION DIAGRAM. 4.1 CC UNIT. 4.1 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNITI(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.10 MONITOR PCB. 4.11 MOTHER PCB. 4.12 MONITOR PCB. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 WONTER PCB. 4.10 MONITOR PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 MONITOR PCB. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 WUNIT AND VOLUME UNIT. 6.16 CONNECTOR PCB. 4.10 MONITOR PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 MONITOR PCB. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 6.15 CUCK PCB. 6.16 MONITOR PCB. 6.17 MONITOR PCB. 6.18 UNIT AND VOLUME UNIT. 6.2 OVO ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT. 6.5 LECETICAL PARTS LIST. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TIDIAGNOSIS. 7.1.1 DIAGNOSIS. 7.1.1 DIAGNOSIS.			
2.4 NAVIGATION UNIT (2). 2.5 NAVIGATION UNIT (3). 2.6 HIDEAWAY UNIT AND CORD ASSY. 2.7 DVD MECHANISM MODULE. 3.1 BLOCK DIAGRAM MODULE. 3.1 BLOCK DIAGRAM MODULE PAGE). 3.2 OVERALL CONNECTION DIAGRAM. 3.3 CUNIT (PIS)(GUIDE PAGE). 3.4 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE). 3.5 CC UNIT (SUDIT (GAPA). 3.6 CC UNIT (GADIO)(GUIDE PAGE). 3.7 CC UNIT (GADIO)(GUIDE PAGE). 3.8 CC UNIT (GADIO)(GUIDE PAGE). 3.9 CC UNIT (GADIO)(GUIDE PAGE). 3.1 CC UNIT (GADIO)(GUIDE PAGE). 3.1 COUNT (FOM, SAM, BUS-BUFFER). 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNIT (MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT (MS3)(SODC)(GUIDE PAGE). 3.14 COMPOUND UNIT (A) AND COMPOUND UNIT (B). 3.15 PU UNIT (REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 NELAY PCB. 3.19 MOTHER PCB (HIA SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SIV UNIT AND VOLUME UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT (MS3) 4.5 COMPOUND UNIT (A) AND COMPOUND UNIT (B). 4.6 CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT (MS3). 4.5 COMPOUND UNIT (A) AND COMPOUND UNIT (B). 4.6 CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT (MS3). 4.5 COMPOUND UNIT (A) AND COMPOUND UNIT (B). 4.6 CONNECTION DIAGRAM. 4.1 CC UNIT. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.10 MONTER PCB. 4.11 MONTER PCB. 4.11 MONTER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 5.16 CONNECTION DIAGRAM. 6.10 LIGHTOR PCB. 6.11 MCONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT AUJUSTMENT. 6.4 GOONNECTION DIAGRAM. 6.5 UNIC AUJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TIEST MODE. 6.7 GENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DIAGNOSIS.			
2.5 NAVIGATION UNIT (3). 2.6 HIDEAWY UNIT AND CORD ASSY 2.7 DVD MECHANISM MODULE. 3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM. 3.1 BLOCK DIAGRAM. 3.2 OVERALL CONNECTION DIAGRAM. 3.2 OVERALL CONNECTION DIAGRAM. 3.3 CC UNIT (PS)(GUIDE PAGE). 3.4 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.6 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE). 3.7 CC UNIT (GRAPHIC). 3.9 CC UNIT (MAIN, CC CORE IF). 3.9 CC UNIT (MAIN, CC CORE IF). 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERRECE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (HIA SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (HIA SYSTEM)(GUIDE PAGE). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GJIDE PAGE). 4.1 CUNIT. 4.2 KEYBOARD PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UNIT CANDUST COMPOUND UNIT(B). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UNDER PCB. 4.9 NOVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 MONITOR PCB. 4.13 MAIN UNIT. 4.14 KW UNIT AND VOLUME UNIT. 5. ADJUSTMENT. 6.1 JIG CONNECTOR PCB. 6.3 CUNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT. 6.5 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TEST MODE 6.8 USING THE TEST DISC. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TEST MODE 6.8 USING THE TEST DISC. 6.6 GERERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DIAGNOSIS.			
2.6 HIDEAWAY UNIT AND CORD ASSY 2.7 DVD MECHANISM MODULE 3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM 3.1 BLOCK DIAGRAM AND SCHEMATIC DIAGRAM 3.2 OVERALL CONNECTION DIAGRAM 3.3 CC UNIT (F)'S(GUIDE PAGE) 3.4 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE) 3.5 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE) 3.6 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE) 3.7 CC UNIT (GRAPHIC) 3.8 CC UNIT (ROM, STAM, BUS-BUFFER) 3.10 KEYBOARD PCB 3.11 PANEL PCB 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE) 3.13 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE) 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 3.15 PU UNIT(REFERENCE) 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE) 3.17 INVERTER PCB 3.18 RELAY PCB 3.19 MOTHER PCB (BHA SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (BHA SYSTEM)(GUIDE PAGE) 3.21 CONNECTOR PCB 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GUIDE PAGE) 4. PCB. CONNECTOR PCB 4. PCB. CONNECTOR			
2.7 DVD MECHANISM MODULE 3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM. 3.1 BLOCK DIAGRAM. 3.1 BLOCK DIAGRAM. 3.2 OVERALL CONNECTION DIAGRAM. 3.3 CC UNIT (P/S)(GUIDE PAGE). 3.4 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.7 CC UNIT (GRAPHIC). 3.9 CC UNIT (ROM, SRAM, BUS-BUFFER). 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.21 MOTHER PCB (BENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GIJDE PAGE). 9.PCB CONNECTOR PCB. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.9 PAGE PCB. 4.1 MOTHER PCB. 4.1 MOTHER PCB. 4.1 MOTHER PCB. 4.2 ORD COMPOUND UNIT(B). 4.3 FANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.1 MOTHER PCB. 4.1 MOTHER PCB. 4.1 MOTHER PCB. 4.1 MOTHER PCB. 4.2 ORD COMPOUND UNIT(B). 4.3 MAIN UNIT. 4.1 SMINI UNIT. 4.2 SMINI UNIT. 4.3 MAIN UNIT. 4.4 SMINI UNIT. 4.5 SMINI UNIT. 4.6 SMINI UNIT. 4.7 MONITOR PCB. 4.9 SMINI UNIT. 4.8 SMINI UNIT. 4.9 SMINI UNIT. 4.1 SMINI U			
BLOCK DIAGRAM AND SCHEMATIC DIAGRAM 3.1 BLOCK DIAGRAM 3.2 OVERALL CONNECTION DIAGRAM 3.3 CO UNIT (P/S)(GUIDE PAGE). 3.4 CC UNIT (SYSCOM, UNDEO, IF)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.6 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE). 3.7 CC UNIT (RAPHIC)	2.7 DVD MEC	HANISM MODULE	
3.1 BLOCK DIAGRAM. 3.2 OVERALL CONNECTION DIAGRAM. 3.3 CO UNIT (P/S)(GUIDE PAGE). 3.4 CC UNIT (P/S)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.5 CC UNIT (GENERALL). 3.6 CC UNIT (GENERALL). 3.7 CC UNIT (GENERALL). 3.8 CC UNIT (MAIN, CC CORE I/F). 3.9 CC UNIT (MAIN, CC CORE I/F). 3.9 CC UNIT (ROM, SRAM, BUS-BUFFER). 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GUIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.10 UNIT. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 WINIT AND VOLUME UNIT. 4.16 GONNECTOR PCB. 4.17 MONITOR PCB. 4.18 UNIT AND VOLUME UNIT. 4.19 UNIT AND VOLUME UNIT. 4.19 UNIT AND VOLUME UNIT. 4.19 UNIT AND VOLUME UNIT. 4.10 UNIT AND VOLUME UNIT. 4.10 UNIT AND VOLUME UNIT. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 WONTER PCB. 4.14 MOTHER PCB ADJUSTMENT. 6.15 INVERTER PCB ADJUSTMENT. 6.16 MONITOR PCB ADJUSTMENT. 6.17 LIGARDASSEMBLY.	BLOCK DIAGE	RAM AND SCHEMATIC DIAGRAM	
3.2 OVERALL CONNECTION DIAGRAM 3.3 CC UNIT (PS)GUIDE PAGE). 3.4 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE). 3.5 CC UNIT (AUDIO)(GUIDE PAGE). 3.6 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE). 3.7 CC UNIT (GPU, ASIC, SDRAM)(GUIDE PAGE). 3.9 CC UNIT (ROM, SRAM, BUS-BUFFER). 3.10 CV UNIT (ROM, SRAM, BUS-BUFFER). 3.11 PANEL PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(CPU)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GJIDE PAGE). 3.23 GPS UNIT(GJIDE PAGE). 9.CB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.10 MCHER PCB. 4.11 MCHER PCB. 4.11 MCHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.13 MAIN UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 WINIT AND VOLUME UNIT. 4.15 WINIT AND VOLUME UNIT ELECTRICAL PARTS LIST. 4.14 SW UNIT AND VOLUME UNIT. 4.15 WINIT AND VOLUME UNIT. 4.15 WINIT AND VOLUME UNIT. 4.16 CONNECTOR PCB. 4.11 MCHER PCB. 4.11 MCHER PCB. 4.11 MCHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 WINIT AND VOLUME UNIT. 4.15 WINIT AND VOLUME UNIT. 4.16 WINIT AND VOLUME UNIT. 4.17 MONITOR PCB. 4.18 OND ADJUSTMENT. 4.19 INVERTER PCB. 4.19 INVERTER PCB. 4.10 MCHER PCB. 4.11 MCHER PCB. 4.	3.1 BLOCK DI	AGRAM	
3.3 CC UNIT (P/SI)GUIDE PAGE) 3.4 CC UNIT (SYSCOM, VIDEO, IF)GUIDE PAGE) 3.5 CC UNIT (SYSCOM, VIDEO, IF)GUIDE PAGE) 3.6 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE) 3.7 CC UNIT (GRAPHIC) 3.8 CC UNIT (MAIN, CC CORE I/F) 3.9 CC UNIT (ROM, SRAM, BUS-BUFFER) 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE) 3.13 DVD CORE UNIT(MS3)(CPU)(GUIDE PAGE) 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 3.15 PU UNIT(REFERENCE) 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE) 3.17 INVERTER PCB. 3.18 RELAY PCB 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE) 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GJIDE PAGE) PCB CONNECTION DIAGRAM 4.1 CC UNIT 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT 4.15 SUNIT. 4.15 MAIN UNIT. 4.16 CONNECTOR PCB. 4.17 MONITOR PCB. 4.18 UNIT AND VOLUME UNIT 4.19 INVERTER PCB. 4.19 GONNECTION DIAGRAM. 4.1 COLUIT. 4.19 GONNECTOR PCB. 4.10 CONTENT PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 WAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 5.11 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MONTOR PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TEST MODE. 6.8 USING THE TEST DISC. 6.8 USING THE TEST DISC. 6.8 USING THE TEST DISC. 6.9 GENERAL INFORMATION. 7.1.1 DISASSEMBY.	3.2 OVERALL	CONNECTION DIAGRAM	
3.4 CC UNIT (SYSCOM, VIDEO, IF)GUIDE PAGE). 3.5 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE). 3.7 CC UNIT (GPU, ASIC, SDRAM)(GUIDE PAGE). 3.8 CC UNIT (MAIN, CC CORE I/F). 3.9 CC UNIT (ROM, SRAM, BUS-BUFFER). 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GJIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(AS). 4.5 COMPOUND UNIT(AS). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.9 INVERTER PCB. 4.10 RCLAY PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 GOMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.9 INVERTER PCB. 4.10 RCLAY PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.16 CONNECTION DIAGRAM. 4.17 GPS UNIT. 4.19 GPS UNIT. 4.19 GPS UNIT. 4.19 GPS UNIT. 4.10 CONNECTION DIAGRAM. 4.10 CC UNIT AND UNIT AND VOLUME UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.16 CONNECTION DIAGRAM. 4.17 GPS UNIT. 4.17 SUNIT AND UNIT. 4.18 WONTON PCB ADJUSTMENT. 4.19 GPS UNIT AND UNIT AND UNIT AND UNIT. 4.19 CPS UNIT AND UNIT AND UNIT. 4.19 CPS UNIT AND UNIT AND UNIT. 4.19 CPS UNIT AND UNIT. 4.10 CPS UNIT AND UNIT. 4.11 MOTHER PCB ADJUSTMENT. 6.11 MORTER PCB ADJUSTMENT. 6.2 DVD ADJUSTMENT. 6.3 UNIT AND UNIT. 6.4 MONITOR PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 T			
3.5 CC UNIT (AUDIO)(GUIDE PAGE) 3.6 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE) 3.7 CC UNIT (GRAPHIC). 3.8 CC UNIT (ROM, SRAM, BUS-BUFFER) 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(CPU)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (I/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (I/A SYSTEM)(GUIDE PAGE). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GUIDE PAGE). PCB CONNECTOR PCB. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.9 INVERTER PCB. 4.10 MONITOR PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.10 MONITOR PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.14 GW UNIT AND VOLUME UNIT. 4.15 GOMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.10 MONITOR PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.14 GW UNIT AND VOLUME UNIT. 4.14 GW UNIT AND VOLUME UNIT. 4.15 GONNECTION DIAGRAM. 4.1 CUNIT AND VOLUME UNIT. 4.16 GONNECTION DIAGRAM. 4.17 MOTHER PCB. 4.19 GPS UNIT. 4.19 GONNECTION DIAGRAM. 4.10 CUNIT AND VOLUME UNIT. 4.14 GW UNIT AND VOLUME UNIT. 4.15 GONNECTION DIAGRAM. 4.10 CUNIT AND VOLUME UNIT. 4.16 GONNECTION DIAGRAM. 4.17 MOTHER PCB ADJUSTMENT. 4.18 MOTHER PCB ADJUSTMENT. 4.19 GONNECTION DIAGRAM. 4.10 CUNIT AND VOLUME UNIT. 4.10 GONNECTION DIAGRAM. 4.10 CUNIT AND VOLUME UNIT. 4.11 MOTHER PCB ADJUSTMENT. 4.12 GROWNERT PCB ADJUSTMENT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 MOTHER PCB ADJUSTMENT. 4.16 MOTHER PCB ADJUSTMENT. 4.17 DIAGNOSIS. 7.1.1 DIAGNOSIS.			
3.6 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE) 3.7 CC UNIT (MAIN, CC CORE I/F) 3.9 CC UNIT (MAIN, CC CORE I/F) 3.10 KEYBOARD PCB 3.11 PANEL PCB 3.12 DVD CORE UNIT(MS3)(SDDC)(GUIDE PAGE) 3.13 DVD CORE UNIT(MS3)(SDDC)(GUIDE PAGE) 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 3.15 PU UNIT(REFERENCE) 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE) 3.17 INVERTER PCB 3.18 RELAY PCB 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (SENSOR) 3.21 CONNECTOR PCB 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GUIDE PAGE) PCB CONNECTION DIAGRAM 4.1 CC UNIT 4.2 KEYBOARD PCB 4.3 PANEL PCB 4.4 DVD CORE UNIT(MS3) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.6 CONNECTOR PCB 4.7 MONITOR PCB 4.9 INVERTER PCB 4.11 MOTHER PCB 4.11 MOTHER PCB 4.12 GPS UNIT 4.14 SW UNIT AND VOLUME UNIT 4.15 CONPECTOR PCB 4.17 MONITOR PCB 4.19 INVERTER PCB 4.11 MOTHER PCB 4.11 MOTHER PCB 4.12 GPS UNIT 4.14 SW UNIT AND VOLUME UNIT 4.15 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.16 CONNECTOR PCB 4.17 MONITOR PCB 4.19 INVERTER PCB 4.11 MOTHER PCB 4.11 MOTHER PCB 4.12 GPS UNIT 4.13 MAIN UNIT 4.14 SW UNIT AND VOLUME UNIT 6.15 INVERTER PCB ADJUSTMENT 6.16 MONITOR PCB ADJUSTMENT 6.2 DVD ADJUSTMENT 6.3 INCERTER PCB ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC GENERAL INFORMATION 7.1.1 DISASSEMBLY	3.5 CC LINIT	ALDIO/CHIDE PAGE	4
3.7 CC UNIT (GRAPHIC). 3.8 CC UNIT (MAIN, CC CORE I/F). 3.9 CC UNIT (ROM, SRAM, BUS-BUFFER). 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(FU)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GJIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 ASM UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.14 SW UNIT AND VOLUME UNIT. 4.15 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.16 CONNECTOR PCB. 4.17 MONITOR PCB. 4.19 INVERTER PCB. 4.10 RELAY PCB. 4.11 GONNECTOR PCB. 4.11 GONNECTOR PCB. 4.12 GPS UNIT. 4.13 GONNECTOR PCB. 4.14 GONNECTOR PCB. 4.15 GONNECTOR PCB. 4.16 GONNECTOR PCB. 4.17 MONITOR PCB. 4.18 UNIT. 4.19 SUNIT AND VOLUME UNIT. 5.19 CONDUCTION DIAGRAM. 6.2 OVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 IN GONNECTOR PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TEST MODE. 8 USING THE TEST DISC. 8 ENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DIAGNOSIS.			
3.8 CC UNIT (MAIN, CC CORE IF) 3.9 CC UNIT (ROM, SRAM, BUS-BUFFER) 3.10 KEYBOARD PCB 3.11 PANEL PCB 3.11 PANEL PCB 3.12 DVD CORE UNIT(MS3)(SDDC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(SPDC)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GJIDE PAGE). PCB CONNECTOR PCB. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 5.14 CONNECTOR PCB. 4.15 OND COMPOUND UNIT(B). 5.16 CONNECTOR PCB. 5.17 INDIVIDUAL STATEMENT. 5.17 INDIVIDUAL STATEMENT. 5.18 COUNT ADJUSTMENT. 5.20 CUNIT ADJUSTMENT. 5.3 CC UNIT ADJUSTMENT. 5.4 MONITOR PCB ADJUSTMENT. 5.5 INVERTER PCB ADJUSTMENT. 5.6 MONITOR PCB ADJUSTMENT. 5.6 MONITOR PCB ADJUSTMENT. 5.6 MONITOR PCB ADJUSTMENT. 5.6 MONITOR PCB ADJUSTMENT. 5.7 TEST MODE. 5.8 USING THE TEST DISC. 5.11 DISASSEMBLY.			
3.9 CC UNIT (ROM, SRAM, BUS-BUFFER) 3.10 KEYBOARD PCB. 3.11 PANEL PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GUIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.4 PANEL PCB. 4.4 PANEL PCB. 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. 5.1 GO CONNECTION DIAGRAM. 6.2 UNIT AND VOLUME UNIT. 6.3 CC UNIT ADJUSTMENT. 6.4 GO CONNECTION DIAGRAM. 6.5 CONNECTION DIAGRAM. 6.6 JUG CONNECTION DIAGRAM. 6.7 IN GONNECTION DIAGRAM. 6.8 UNIT AND VOLUME UNIT. 6.9 IN CONNECTION DIAGRAM. 6.1 GO CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MONTOR PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONTOR PCB ADJUSTMENT. 6.7 TEST MODE. 6.8 USING THE TEST DISC. 6.8 USING THE TEST DISC. 6.9 IN LEASSEMBLY.			
3.10 KEYBOARD PCB. 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(CPU)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(CPU)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (HIA SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GJIDE PAGE). CCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 6.6 CONNECTOR PCB. 7.7 MONITOR PCB. 8.1 UPPER PCB. 9. INVERTER PCB. 1.10 RELAY PCB. 1.11 MOTHER PCB. 1.12 GPS UNIT. 1.13 MAIN UNIT. 1.14 SW UNIT AND VOLUME UNIT. 1.15 MAIN UNIT. 1.16 SONNECTOR DIAGRAM. 2.17 COUNT ONLY ONLY ONLY ONLY ONLY ONLY ONLY ONLY			
3.11 PANEL PCB 3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(CPU)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.21 MONITOR PCB AUDIT AND VOLUME UNIT. 3.23 GPS UNIT(GUIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.14 SW UNIT AND VOLUME UNIT. 5.14 SW UNIT AND VOLUME UNIT. 5.15 COMPOUND UNIT(A). 5.16 COMPOUND UNIT(A). 5.17 COMPOUND UNIT(A). 5.18 COMPOUND UNIT(A). 5.19 COMPOUND UNIT(A). 5.10 COMPOUND UNIT(A). 5.10 COMPOUND UNIT(A). 5.10 COMPOUND UNIT(A). 5.11 MONITOR PCB. 5.11 MONITOR PCB. 5.12 COMPOUND UNIT(A). 5.13 COUNIT AUDISTMENT. 6.14 COUNIT AUDISTMENT. 6.15 COUNIT AUDISTMENT. 6.16 MONITOR PCB ADJUSTMENT. 6.16 MONITOR PCB ADJUSTMENT. 6.17 TEST MODE. 6.18 USING THE TEST DISC. 3ENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY.	3.5 CC UNIT (RUM, SRAM, BUS-BUFFEK)]
3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE). 3.13 DVD CORE UNIT(MS3)(CPU)(GUIDE PAGE). 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GUIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.9 INVERTER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 USING THE TEST DISC. 3ENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY	3. IU NEYBOA	RU PUD]
3.13 DVD CORE UNIT(MS3)(CPU)(GUIDE PAGE) 3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 3.15 PU UNIT(REFERENCE) 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE) 3.17 INVERTER PCB. 3.18 RELAY PCB 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GUIDE PAGE) PCB CONNECTION DIAGRAM 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.9 INVERTER PCB. 4.10 NELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC. 3ENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY			
3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 3.15 PU UNIT(REFERENCE) 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE) 3.17 INVERTER PCB. 3.18 RELAY PCB 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE) 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GJIDE PAGE) PCB CONNECTION DIAGRAM 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB 4.4 DVD CORE UNIT(MS3) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.11 MOTHER PCB 4.11 MOTHER PCB 4.12 GPS UNIT 4.14 SW UNIT AND VOLUME UNIT 5.13 CONNECTION DIAGRAM 6.2 DVD ADJUSTMENT 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 INVERTER PCB ADJUSTMENT 6.6 INVERTER PCB ADJUSTMENT 6.6 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 SUSING THE TEST DISC GENERAL INFORMATION 7.1 DIAGROSIS 7.1.1 DISASSEMBLY			
3.15 PU UNIT(REFERENCE). 3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE). 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GUIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 INVERTER PCB ADJUSTMENT. 6.6 SUSING THE TEST DISC. 3ENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY.	3.13 DVD COF	RE UNIT(MS3)(CPU)(GUIDE PAGE)	8
3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE) 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GUIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 MONITOR PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 TEST MODE 6.8 USING THE TEST DISC. 3ENERAL INFORMATION 7.1 DIAGNOSIS. 7.1.1 DIAGNOSIS.	3.14 COMPOU	JND UNIT(A) AND COMPOUND UNIT(B)	9
3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE) 3.17 INVERTER PCB. 3.18 RELAY PCB. 3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE). 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GUIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. 6.5 ICC UNIT ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 TTEST MODE. 6.8 USING THE TEST DISC. 3ENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY	3.15 PU UNIT	(REFERENCE)	9
3.18 RELAY PCB 3.20 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT 3.23 GPS UNIT(GUIDE PAGE) PCB CONNECTION DIAGRAM 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC 6.8 USING THE TEST DISC 6.9 INFORMATION 6.1 LIGGORDATION 6.1 LIGGORDATION 6.1 LIGGORDATION 6.2 INVERTER PCB ADJUSTMENT 6.5 MONITOR PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.5 USING THE TEST DISC 6.8 USING THE TEST DISC 6.9 INJENSEMBLY	3.16 MONITO	R PCB AND UPPER PCB(GUIDE PAGE)	9
3.19 MOTHER PCB (HIA SYSTEM)(GUIDE PAGE) 3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GJDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST ADJUSTMENT. 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TEST MODE 6.8 USING THE TEST DISC. GENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMSLY.	3.17 INVERTE	R PCB	10
3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.14 SW UNIT AND VOLUME UNIT. 5.1 IJG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT. 6.5 MONITOR PCB ADJUSTMENT. 6.5 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TEST MODE. 6.8 USING THE TEST DISC. SIENERAL INFORMATION. 7.1 DISASSEMBLY.	3.18 RELAY P	CB	10
3.20 MOTHER PCB (SENSOR). 3.21 CONNECTOR PCB. 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.14 SW UNIT AND VOLUME UNIT. 5.1 JIG CONNECTION DIAGRAM. 5.2 DVD ADJUSTMENT. 5.3 CC UNIT ADJUSTMENT. 5.4 MOTHER PCB ADJUSTMENT. 5.5 INVERTER PCB ADJUSTMENT. 5.6 MONITOR PCB ADJUSTMENT. 5.7 TEST MODE. 5.8 USING THE TEST DISC. 5.9 USING THE TEST DISC. 5.1 DIAGNOSIS. 7.1.1 DISASSEMBLY.	3.19 MOTHER	PCB (H/A SYSTEM)(GUIDE PAGE)	10
3.21 CONNECTOR PCB 3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT. 3.23 GPS UNIT(GUIDE PAGE). PCB CONNECTION DIAGRAM 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC. EIENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DIAGNOSIS. 7.1.1 DIAGNOSIS. 7.1.1 DIAGNOSIS. 7.1.1 DIAGNOSIS.	3.20 MOTHER	PCB (SENSOR)	11
3.23 GPS UNITIGJIDE PAGE). PCB CONNECTION DIAGRAM. 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC. GENERAL INFORMATION. 7.1.1 DIAGNOSIS. 7.1.1 DIAGNOSIS.	3.21 CONNEC	TOR PCB	11
PCB CONNECTION DIAGRAM 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 WISHER PCB ADJUSTMENT. 6.6 USING THE TEST DISC. GENERAL INFORMATION. 7.1.1 DIAGNOSIS. 7.1.1 DIAGNOSIS.	3.22 MAIN UN	IT, SW UNIT AND VOLUME UNIT	11
PCB CONNECTION DIAGRAM 4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 WINGTHER PCB ADJUSTMENT. 6.6 USING THE TEST DISC. GENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DIAGNOSIS.	3.23 GPS UNI	T(GJIDE PAGE)	11
4.1 CC UNIT. 4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B). 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC. SENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY.	PCB CONNEC	TION DIAGRAM	12
4.2 KEYBOARD PCB. 4.3 PANEL PCB. 4.4 DVD CORE UNIT(MS3). 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B)	4.1 CC UNIT		12
4.3 PANEL PCB 4.4 DVD CORE UNIT(MS3) 4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.6 CONNECTOR PCB 4.7 MONITOR PCB 4.8 UPPER PCB 4.9 INVERTER PCB 4.10 RELAY PCB 4.11 MOTHER PCB 4.12 GPS UNIT 4.13 MAIN UNIT 4.13 MAIN UNIT 4.14 SW UNIT AND VOLUME UNIT ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM 6.2 DVD ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 USING THE TEST DISC 3ENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	4.2 KEYBOAR	D PCB	12
4.4 DVD CORE UNIT (MS3) 4.5 COMPOUND UNIT (A) AND COMPOUND UNIT (B) 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC. BENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY	4.3 PANEL PC	B	12
4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B) 4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST ADJUSTMENT. 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC. ENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY	4.4 DVD CORE	E UNIT(MS3)	12
4.6 CONNECTOR PCB. 4.7 MONITOR PCB. 4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 USING THE TEST DISC. 3ENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY	4.5 COMPOUN	ND UNIT(A) AND COMPOUND UNIT(B)	13
4.7 MONTOR PCB 4.8 UPPER PCB 4.9 INVERTER PCB 4.10 RELAY PCB 4.11 MOTHER PCB 4.12 GPS UNIT 4.13 MAIN UNIT 4.14 SW UNIT AND VOLUME UNIT ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC ESENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	4.6 CONNECT	OR PCB	13
4.8 UPPER PCB. 4.9 INVERTER PCB. 4.10 RELAY PCB. 4.11 MOTHER PCB. 4.12 GPS UNIT. 4.13 MAIN UNIT. 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST. ADJUSTMENT. 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TEST MODE. 6.8 USING THE TEST DISC. GENERAL INFORMATION. 7.1 DIAGROSIS. 7.1.1 DIASASEMBLY.	4.7 MONITOR	PCB	13
4.9 INVERTER PCB 4.10 RELAY PCB 4.11 MOTHER PCB 4.11 MOTHER PCB 4.12 MAIN UNIT 4.13 MAIN UNIT 4.14 SW UNIT AND VOLUME UNIT ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM 6.2 DVD ADJUSTMENT 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 WONITOR PCB ADJUSTMENT 6.6 WONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC GENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	4.8 UPPER PC)B	13
4.10 RELAY PCB 4.11 MOTHER PCB 4.12 GPS UNIT 4.13 MAIN UNIT 4.13 MAIN UNIT 4.14 SW UNIT AND VOLUME UNIT ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC GSENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	4.9 INVERTER	PCB	13
4.11 MOTHER PCB 4.12 GPS UNIT 4.13 MAIN UNIT 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC. BENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	4.10 RELAY PO	CB	14
4.12 GPS UNIT 4.13 MAIN UNIT 4.14 SW UNIT AND VOLUME UNIT ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.8 USING THE TEST DISC GENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY.	4.11 MOTHER	PCB	14
4.13 MAIN UNIT 4.14 SW UNIT AND VOLUME UNIT. ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCS ADJUSTMENT 6.6 MONITOR PCS ADJUSTMENT 6.6 WISH THE TEST DISC GENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	4.12 GPS UNIT	T	1/
4.14 SW UNIT AND VOLUME UNIT ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM 6.2 DVD ADJUSTMENT 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC ESENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	4.13 MAIN UNI	T	14
ELECTRICAL PARTS LIST ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM 6.2 DVD ADJUSTMENT 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC GENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	4.14 SW UNIT	AND VOLUME LINIT	14
ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE. 6.8 USING THE TEST DISC GENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	ELECTRICAL P	PARTSLIST	13
6.1 JIG CONNECTION DIAGRAM. 6.2 DVD ADJUSTMENT. 6.3 CC UNIT ADJUSTMENT. 6.4 MOTHER PCB ADJUSTMENT. 6.5 INVERTER PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.6 MONITOR PCB ADJUSTMENT. 6.7 TEST MODE. 6.8 USING THE TEST DISC. GENERAL INFORMATION. 7.1 DIAGNOSIS. 7.1.1 DISASSEMBLY.	ADJUSTMENT		15
6.2 DVD ADJUSTMENT 6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC GENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DIASASEMBLY	6.1 JIG CONNI	FCTION DIAGRAM	15
6.3 CC UNIT ADJUSTMENT 6.4 MOTHER PCB ADJUSTMENT 6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC 3ENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	6.2 DVD AD III	STMENT	75
6.4 MOTHER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC 3ENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	6.3 CC LINIT A	DUSTMENT	19
6.5 INVERTER PCB ADJUSTMENT 6.6 MONITOR PCB ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC GENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DISASSEMBLY	6.4 MOTHER	PCR AD HISTMENT	21
6.6 MONITOR PCS ADJUSTMENT 6.7 TEST MODE 6.8 USING THE TEST DISC SENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DIASASEMBLY	6.5 INVERTER	PCR AD INSTMENT	21
6.7 TEST MODE 6.8 USING THE TEST DISC	6 6 MONITOP	POR AD ILISTMENT	21
6.8 USING THE TEST DISC	6.7 TEST MOD	F	21
SENERAL INFORMATION 7.1 DIAGNOSIS 7.1.1 DIAGNOSIS 7.1.1 DISASSEMBLY	6 8 LISING TUE	TEST DISC	22
7.1 DIAGNOSIS	GENERAL INE	DOMATION	24
7.1.1 DISASSEMBLY	7 1 DIACHOOM	JAMAHUN	26
7.1.1 DIOAGGEMBLY	7.1 DIAGNOSI	3	26
7.4.0 DCD 00.4710110	7.1.1 DISASSE	MBLY	26
7.1.2 PCB LOCATIONS	7.1.2 PCB LOC	ALIONS	27
7.1.3 CONNECTOR FUNCTION DESCRIPTION.	7.1.3 CONNEC	TUR FUNCTION DESCRIPTION	27
7.2 PARTS	1.2 PAKIS		27:
AVIC-N2/XU/UC		AVIC-N2/XU/OC	

7.2.1 IC	27
7.2.2 DISPLAY	
7.3 EXPLANATION	
7.3.1 MECHANISM DESCRIPTIONS	
7.3.2 OPERATIONAL FLOW CHART	
7.4 CLEANING	300
OPERATIONS	304

AVIC-N2/XU/UC

8 '

1. SPECIFICATIONS

Δ	● AVIC-N2/XU/UC			
^	General		Audio	
	Rated power source	14.4 V DC		22 W per channel minimum
		(10.8 - 15.1 V allowable)		driven 50 to 15,000 Hz with
	Grounding system	Negative type	no more than 5% THD.	
	Max. current consump	tion	Maximum power output	. 50 W x 4
		10.0 A		50 W x 2 ch/4 Ω + 70 W x 1
•	Backup current	6.5 mA or less		ch/2 Ω (for subwoofer)
	Display unit:		Load impedance	$4 \Omega (4 - 8 \Omega [2 \Omega \text{ for 1 ch}]$
	Dimensions (W x H x D)	:		allowable)
	DIN		Preout max output level/out	put impedance
		178 x 50 x 160 mm		
_		(7 x 2 x 6-1/4 in.)	Equalizer (3-Band Paramet	ric Equalizer):
В		. 188 x 58 x 34 mm	Low	
		(7-3/8 x 2-1/4 x 1-3/8 in.)	Frequency	
	D			. 0.35/0.59/0.95/1.15 (+6 dB
		178 x 50 x 165 mm		when boosted)
		(7 x 2 x 6-1/2 in.)	Gain	. ±12dB
		. 170 x 46 x 29 mm	Mid _	
		(6-3/4 x 1-3/4 x 1-1/4 in.)	Frequency	
	Weight	. 2.5 kg(5.5 lbs)	Q Factor	. 0.35/0.59/0.95/1.15 (+6 dB
	Hideaway unit:		Gain	when boosted)
	Dimensions (W x H x D		High	. ±120B
		(5-7/8 x 1-1/8 x 3-7/8 in.)		. 3.15k/8k/10k/12.5k Hz
	Weight			. 0.35/0.59/0.95/1.15 (+6 dB
С	weight	. 0.7 kg(1.5 lbs)	Q Factor	when boosted)
	Navigation		Gain	
	GPS Receiver:		Loudness contour	. ± 1200
	System	L1 C/Acode GPS		. +3.5 dB (100 Hz), +3 dB (10
	SPS (Standard Position			kHz)
		8-channel multi-channel		. +10 dB (100 Hz), +6.5 dB
	,	reception system		(10 kHz)
	Reception frequency	1.575.42 MHz		. +11 dB (100 Hz), +11 dB
	Sensitivity	_130 dbm	•	(10 kHz)
	Position update frequen	icy		(volume: -30 dB)
		Approx. once per second	Tone controls:	,
			Bass	
D	GPS antenna:		Frequency	. 40/63/100/160 Hz
	Antenna	. Micro strip flat antenna/	Gain	. ±12dB
		right-handed helical polarization	Treble	
	Antenna cable			2.5k/4k/6.3k/10k Hz
	Dimensions (W x H x D		Gain	. ±12dB
			HPF:	
		(1-1/4 x 1/2 x 1-3/8 in.)	Frequency	
	Weight	. 105 g(0.23 lbs)	Slope	. –12 dB/oct
	D:1		Subwoofer:	
	Display	6. E. inahid=146.0	Frequency	
	Screen size/aspect ratio	(effective display area: 144 x	Slope	
		76 mm)	Gain Phase	
Ε	Pixels		Phase	. Normai/Reverse
_	Type			
	туре	transmissive type		
	Color system			
	Operating temperature rang			
	Operating temperature rang			
	Storage temperature range			
-	Otorage temperature range	-4 - +176 °F		
	Angle adjustment			
		(initial settings: 110°)		
		,		

DVD Drive DVD-Video, Compact disc System.... audio, MP3 system DVD-Video, Compact disc, Usable discs MP3 Region number... Signal format: Sampling frequency.... 44.1/48/96 kHz Number of quantization bits 16/20/24; linear . 5 - 44,000 Hz (with DVD, at Frequency response .. sampling frequency 96 kHz) 97 dB (1 kHz) (IHF-A network) Signal-to-noise ratio ... (CD: 96 dB (1 kHz) (IHF-A network)) . 95 dB (1 kHz) Dynamic range ... (CD: 94 dB (1 kHz)) . 0.008 % (1 kHz) Distortion.... Output level: . 1.0 Vp-p/75 Ω (±0.2 V) Video Audio ... 1.0 V (1 kHz, 0 dB) Number of channels... 2 (stereo) . MPEG-1 & 2 Audio Layer 3 MP3 decoding format. FM tuner .. 87.9 – 107.9 MHz . 8 dBf (0.7 μV/75 Ω, mono, S/ Frequency range. Usable sensitivity... N: 30 dB) 50 dB quieting sensitivity...... 10 dBf (0.9 μV/75 Ω, mono) Signal-to-noise ratio 75 dB (IHF-A network) Distortion.... . 0.3 % (at 65 dBf, 1 kHz, stereo) 0.1 % (at 65 dBf, 1 kHz, mono) . 30 - 15,000 Hz (±3 dB) Frequency response Stereo separation 45 dB (at 65 dBf, 1 kHz) 80 dB (±200 kHz) Selectivity .. Three-signal intermodulation (desired signal level) .. 30 dBf (two undesired signal level: 100 dBf) AM tuner . 530 - 1,710 kHz (10 kHz) Frequency range. Usable sensitivity.... . 18 μV (S/N: 20 dB) Signal-to-noise ratio 65 dB (IHF-A network) Specifications and the design are subject to possible modifications without notice due to improvements.

AVIC-X1R/XU/EW

General 14.4 V DC Rated power source Continuous power output.... 27 W x 4 (DIN 45324. (allowable voltage range: +B=14.4 V) 12.0 - 14.4 V DC) Load impedance. $4\Omega(4-8\Omega[2\Omega \text{ for 1 ch}]$ Earthing system. Negative type allowable) Max. current consumption Preout max output level/output impedance 10.0 A 2.0 V/100 ohm Backup current 6.5 mA or less Equalizer (3-Band Parametric Equalizer): Display unit: Dimensions (W x H x D): 40/80/100/160 Hz Frequency DIN Q Factor. . 0.35/0.59/0.95/1.15 (+6 dB Chassis . . 178 x 50 x 160 mm when boosted) 188 x 58 x 34 mm Nose.... Gain ±12dB Mid . 178 x 50 x 165 mm Chassis Frequency 200/500/1k/2k Hz Nose... 170 x 46 x 29 mm 0.35/0.59/0.95/1.15 (+6 dB Q Factor. Weight 2.5 kg when boosted) Hideaway unit: Gain Dimensions (W x H x D) High 180 x 30 x 140 mm Frequency 3.15k/8k/10k/12.5k Hz Weight . 0.7 kg 0.35/0.59/0.95/1.15 (+6 dB Q Factor... when boosted) Navigation Gain ... ±12dB GPS Receiver: Loudness contour System.... . L1, C/Acode GPS +3.5 dB (100 Hz), +3 dB (10 Low ... SPS (Standard Positioning Service) Reception system .. . 8-channel multi-channel +10 dB (100 Hz), +6.5 dB reception system (10 kHz) Reception frequency 1,575.42 MHz High. +11 dB (100 Hz), +11 dB Sensitivity. -130 dbm (10 kHz) Position update frequency (volume: -30 dB) Approx, once per second Tone controls: GPS aerial: Bass Aerial Micro strip flat aerial/righthanded Frequency 40/63/100/160 Hz helical polarization Gain +12dB Aerial cable 5.0 m Treble Dimensions (W x H x D) Frequency .. 2.5k/4k/6.3k/10k Hz 33 x 13 x 36 mm Gain ±12dB Weight. 105 g HPF: Frequency 50/80/125 Hz Display Slope.. -12 dB/oct Screen size/aspect ratio 6.5 inch wide/16:9 Subwoofer: (effective display area: 144 x Frequency. 50/80/125 Hz 76 mm) Slope. -18 dB/oct Pixels . 336.960 (1.440 x 234) Gain ±12dB Type TFT active matrix, transmissive Normal/Reverse Phase . Colour system... NTSC/PAL compatible **DVD Drive** Operating temperature range DVD-Video, Compact disc System.... -10 - +50 °C audio, MP3 system Storage temperature range Usable discs DVD-Video, Compact disc, -20 - +80 °C MP3 Angle adjustment... 50 - 110° Region number. (initial settings: 110°) Signal format: Sampling frequency..... 44.1/48/96 kHz Audio Number of quantization bits Maximum power output 50 W x 4 16/20/24; linear 50 W x 2 ch/4 Ω + 70 W x 1 5 - 44,000 Hz (with DVD, at Frequency response.. $ch/2 \Omega$ (for subwoofer) sampling frequency 96 kHz) Signal-to-noise ratio 97 dB (1 kHz) (IEC-A network)

(CD: 96 dB (1 kHz) (IEC-A network)) Dynamic range 95 dB (1 kHz) (CD: 94 dB (1 kHz)) Distortion... . 0.008 % (1 kHz) Output level: 1.0 Vp-p/75 Ω (±0.2 V) Video Audio.. . 1.0 V (1 kHz, 0 dB) Number of channels... . 2 (stereo) . MPEG-1 & 2 Audio Layer 3 MP3 decoding format. FM tuner 87.5 - 108.0 MHz Frequency range. Usable sensitivity... . 8 dBf (0.7 μV/75 Ω, mono, S/ N: 30 dB) 50 dB quieting sensitivity... .. 10 dBf (0.9 μV/75 Ω, mono) Signal-to-noise ratio . . 75 dB (IEC-A network) Distortion.. . 0.3 % (at 65 dBf. 1 kHz. stereo) 0.1 % (at 65 dBf, 1 kHz, mono) 30 - 15,000 Hz (±3 dB) Frequency response. 45 dB (at 65 dBf, 1 kHz) Stereo separation . Selectivity 80 dB (±200 kHz) MW tuner . 531 - 1.602 kHz (9 kHz) Frequency range.. Usable sensitivity... 18 µV (S/N: 20 dB) . 65 dB (IEC-A network) Signal-to-noise ratio . LW tuner Frequency range.. 153 - 281 kHz (9 kHz) Usable sensitivity... . 30 μV (S/N: 20 dB) . 65 dB (IEC-A network) Signal-to-noise ratio · Specifications and the design are subject to possible modifications without notice due to improvements.

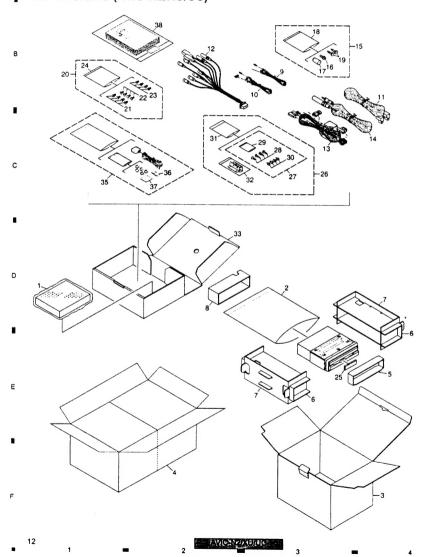
AVIC-N2/XU/UC

2. EXPLODED VIEWS AND PARTS LIST

NOTES: • Parts marked by "•" are generally unavailable because they are not in our Master Spare Parts List.

- The A mark found on some component parts indicates the importance of the safety factor of the part.
 Therefore, when replacing, be sure to use parts of identical designation.
- For the applying amount of lobricants or glue, follow the instructions in this manual.
 (In the case of no amount instructions apply as you think it appropriate.)

2.1 PACKING (AVIC-N2/XU/UC)



PACKING (AVIC-N2/XU/UC) SECTION PARTS LIST

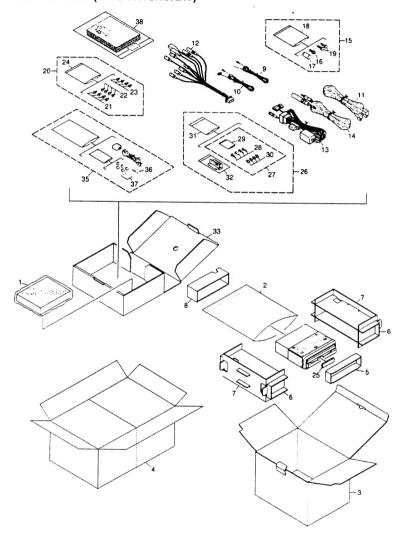
	G (AVIO-112/A0/00) 321				
Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Air Cushioned Bag	CEG1007	* 31	Potyethylene Bag	CEG1163
2	Polyethylene Bag	CEG1173	32	Angle Assy	CXC1079
3	Carton	CHG5463	33	Sub Carton	CHG5440
4	Contain Box	CHL5463	34	*****	
5	Protector	CHP2879	35	GPS Antenna Assy	CXC4864
6	Protector	CHP2877	36	Water Proof Pad	CZN5442
7	Protector	CHP2876	37	Sheet	CZN7008
8	Protector	CHP2945	38-1	,	CEG1116
9	Cord	CDE5044		Owner's Manual	CRB2025
10	Cord	CDE6825	38-3	Owner's Manual	CRB2026
11	Cord Assy	CDE7398		Owner's Manual/POC/FRE	CRB2027
12	Cord Assy	CDE7399	38-5	Owner's Manual/POC/FRE	CRB2028
13	Cord Assy	CDE7487		Installation Manual	CRD3957
14	Antenna Cable	CDH1325		Caution Card	CRP1310
15	Accessory Assy	CEA3685	* 38-8	Card	ARY1048
16	Screw	CBA1650		Cleaning Cloth Assy	CEA3952
17	Bush	CNV1917		Registration Card	CRY1238
* 18	Polyethylene Bag	E36-615		Caution Card	CRP1321
19	Screw	JGZ20P070FTC	38-12	Connector	CKX1049
20	Screw Assy	CEA3686			
21	Screw	BMZ50P060FTC			
22	Screw(M4x6)	CBA1468			
23	Screw	CMZ50P060FTC			
• 24	Polyethylene Sheet	CNM4338			
25	Spacer	CNM9149			
26	Accessory Assy	CEA3996			
27	Screw Assy	CEA4396			
28	Screw	CBA1795			
• 29	Polyethylene Sheet	CNM4338			
30	Screw	HMF40P080FTC			

Owner's Manual, Installation Manual

Part No.	Language
CRB2025, CRB2026	English
CRB2027, CRB2028	French
CRD3957	English French

- KVI-3291181.

2.2 PACKING (AVIC-X1R/XU/EW)



PACKING (AVIC-X1R/XU/EW) SECTION PARTS LIST

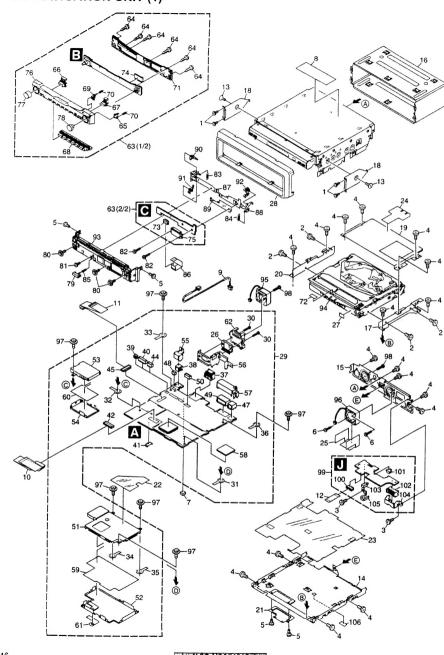
Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Air Cushioned Bag	CEG1007	* 31	Polyethylene Bag	CEG1163
2	Polyethylene Bag	CEG-162	32	Angle Assy	CXC1079
3	Carton	CHG5462	33	Sub Carton	CHG5440
4	Contain Box	CHL5462	34	****	
5	Protector	CHP2879	35	GPS Antenna Assy	CXC4864
6	Protector	CHP2877	36	Water Proof Pad	CZN5442
7	Protector	CHP2876	37	Sheet	CZN7008
8	Protector	CHP2945	38-1	, ,	CEG1116
9	Cord	CDE5044	38-2	Owner's Manual/PEE/ENG	CRB2029
10	Cord	CDE6825	38-3	Owner's Manual/PEE/ENG	CRB2030
11	Cord Assy	CDE7398	38-4	Owner's Manual/PEE/SPA	CRB2031
12	Cord Assy	CDE7399	38-5	Owner's Manual/PEE/SPA	CRB2032
13	Cord Assy	CDE7486	38-6	Owner's Manual/PEE/GER	CRB2033
14	Antenna Cable	CDH1325	38-7	Owner's Manual/PEE/GER	CRB2034
15	Accessory Assy	CEA3685	38-8	Owner's Manual/PEE/FRE	CRB2035
16	Screw	CBA1650	38-9	Owner's Manual/PEE/FRE	CRB2036
17	Bush •	CNV1917	38-10	Owner's Manual/PEE/ITA	CRB2037
18	Polyethylene Bag	E36-615	38-11	Owner's Manual/PEE/ITA	CRB2038
19	Screw	JGZ20P070FTC	38-12	Owner's Manual/PEE/DUT	CRB2039
20	Screw Assy	CEA3686	38-13	Owner's Manual/PEE/DUT	CRB2040
21	Screw	BMZ50P060FTC		Installation Manual	CRD3958
22	Screw(M4x6)	CBA1468	* 38-15	Passport	CRY1013
23	Screw	CMZ50P060FTC	* 38-16	Warranty Card	CRY1157
• 24	Polyethylene Sheet	CNM4338		Cleaning Cloth Assy	CEA3952
25	Spacer	CNM9149	38-18	Sheet	CNM8603
26	Accessory Assy	CEA3996	* 38-19	Lock Tie	CNV-754
27	Screw Assy	CEA4396	* 38-20	Caution Card	CRP1322
28	Screw	CBA1795	38-21	Connector	CKX1049
• 29	Polyethylene Sheet	CNM4338			
30	Screw	HMF40P080FTC			

Owner's Manual, Installation Manual

	, motunation manual
Part No.	Language
CRB2029, CRB2030	English
CRB2031, CRB2032	Spanish
CRB2033, CRB2034	German
CRB2035, CRB2036	French
CRB2037, CRB2038	Italian
CRB2039, CRB2040	Dutch
CRD3958	English, Spanish, German, French, Italian, Dutch

AVIC-N2/XU/UC

2.3 NAVIGATION UNIT (1)



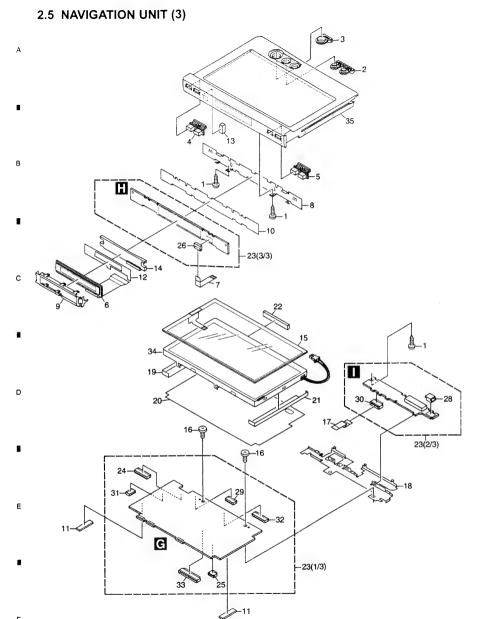
NAVIGATION UNIT (1) SECTION PARTS LIST

NAVIGA	TION UNIT (1) SEC	TION PARTS LIST			
Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Screw	BMZ20P030FZK	57	Holder	CND1955
2	Screw(M2x3)	CBA1527	58	Sheet	CNM7902
3	Screw	BMZ26P025FTC	59	Insulator	CNM8572
4	Screw	BMZ26P040FTC			
5	Screw(M2x2.5)	CBA1615	60	Insulator	CNM8573
-			61	Insulator	CNM8856
6	Screw(M2.6x12)	CBA1620	62	Heat Sink	CNR1739
7	Spacer	CNM9200	63	Detach Grille Assy(UC model)	CXC4305
8	Label(EW model)	VRW1860		Detach Grille Assy(EW model)	CXC4304
9	Cord Assy	CDE7401			
10	FFC	CDE7740	64	Screw	BPZ20P080FZK
			65	Button(DETACH)	CAC8431
11	FFC	CDE7403	66	Button(SRC)	CAC8432
12	FFC	CDE7727	67	Button(EQ)	CAC8433
13	Screw	CMZ50P060FTC	68	Button	CAC8434
14	Case	CNB3155			
15	Panel	CNB3048	69	Button(RESET)	CAC8503
			70	Spring	CBH2680
16	Holder	CND2812	71	Cover	CNS7759
17	Bracket	CND2815	72	Sheet	CNM9576
18	Bracket	CND2816	73	Connector(CN5901)	CKS3965
19	Bracket	CND2817			
20	Bracket	CND1947	74	Connector(CN5501)	CKS4657
			75	Connector(CN5902)	CKS4658
21	Holder	CND1948	76	Sub Grille Unit(UC model)	CXC4636
22	Insulator	CNM8043		Sub Grille Unit(EW model)	CXC4635
23	Insulator	CNM8571	77	Knob Unit(VOLUME)	CXC4641
24	Insulator	CNM8715			
25	Cover	CNM8874	78	Knob Unit(SELECT)	CXC4642
			79	Button	CAC9276
26	IC(IC2405)	PAL007A	80	Screw(M2x4)	CBA1734
27	Spacer	CNM9246	81	Screw(M2.6x2.5)	CBA1777
28	Panel	CNS7797	82	Screw(M2x4)	CBA1778
29	CC Unit(UC model)	CWM9948	02	Corina	CDUDCOA
	CC Unit(EW model)	CWM9947	83 84	Spring	CBH2681
	_		85	Spring Spring	CBH2682 CBH2790
30	Screw	BMZ26P160FTC	86	FFC	CDE7405
31	Terminal(CN100)	CKF1064	87	Holder	CND1840
32	Terminal(CN604)	CKF1064	07	riologi	CIAD 1040
33	Terminal(CN605)	CKF1064	88	Holder	CND1841
, 34	Terminal(CN614)	CKF1064	89	Insulator	CNM8510
35	Terminal(CN615)	CKF1064	90	Arm	CNV8571
	Terminal(CN2601)	CKF1064	91	Arm	CNV8572
37	Connector(CN802)	CKM1332	92	Arm	CNV8573
	Connector(CN2552)	CKS1940			3.11.33.13
	Connector(CN971)	CKS4822	93	Panel Unit	CXC2693
00	Connection (Criter 1)	01101022	94	DVD Mechanism Module(MS3)	
40	Connector(CN608)	CKS3751	95	Fan Motor(M100)	CXM1284
41	Connector(CN2701)	CKS3810	96	Fan Motor(M101)	CXM1289
	Connector(CN2)	CKS4052	97	Screw	ISS26P050FTC
	••••				
44	Connector(CN609)	CK\$4068	98	Screw	PMZ20P160FTC
	, ,		99	Mother Tuner Unit(UC model)	CWM9946
45	Connector(CN607)	CKS4132		Mother Tuner Unit(EW model)	CWM9945
46	*****		100	Connector(CN2801)	CKS4871
47	Connector(CN692)	CKS4473	-101	Connector(CN2802)	CKS4822
48	Connector(CN2551)	VKN1928			
49	Connector(CN731)	CKS4646		Connector(CN2803)	CKM1365
				Connector(CN2804)	CKS4752
50	Connector(CN691)	CKS4814	104	Holder	CND1956
	Shield	CND2822		Holder	CND2824
	Shield	CND2823	106	Sheet	CNM9536
	Shield	CND1951			
54	Shield	CND1952			
	Holder	CND1953			
56	Holder	CND1954			
		E E ALIC	MONIMIC	23	

2.4 NAVIGATION UNIT (2) D Seven pins which receive (A) : GEM1024 (B) : GEM1011 A reverse side is applied similarly. N(C): GEM1048 (D) : GEM1049 (E) : GEM1047

NAVIGATION UNIT (2) SECTION PARTS LIST Part No. Mark No. Description Mark No. Description Part No. CXB9508 1 Drive Unit 51 Gear CNV7524 2 Screw(M2x3) CBA1082 CNV7529 52 Gear CBA1250 Screw(M2x2.5) 53 Chassis Unit CXB9509 CBA1277 Screw(M2x4) 54 Frame Unit CXB9511 Screw(M2x1.5) CBA1615 55 Holder Unit CXB9512 CBF1038 Washer 56 Shaft Unit CXB9513 CBH2645 Spring CXB9514 57 Holder Unit CBH2646 Spring Motor Unit(M3001)(Position) CXB9515 CBH2647 Spring CXB9516 Motor Unit(M3002)(Angle) CBL1585 10 Spring CZB3082 60 Screw CBL1586 Spring 61 Screw CZB3083 CBL1587 12 Spring CZB3084 62 Washer CBL1642 13 Spring CZB3085 Screw(M2x1.8) Cord Assy CDE7047 CZB3088 Screw(M2x4) Cord Assy CDE7213 CZW3087 Main Unit CLA4270 BMZ26P050FTC Screw CLA4305 CKS4068 Connector(CN3801) Shaft CLA4306 Connector(CN3802) CKS4732 CLA4309 Connector(CN3803) CKS4732 CND1221 70 Connector(CN3807) CKS4733 21 Case CND1229 CKS4733 71 Connector(CN3809) 22 Holder CND1318 CND1228 72 Heat Sink 23 Holder CND1449 73 IC(IC3801) BA00AST 24 Sheet CNM8522 CZW3088 74 SW Unit CNM8037 25 Sheet 75 Volume(VR3841) CCW1025 CNM8048 26 Insulator 76 Volume Unit CZW3089 27 Insulator CNM8158 IMS20P020FTC 77 Screw CNM8159 28 Sheet IMS20P030FZK 78 Screw 29 Tape CNM8160 79 Washer YE15S 30 Insulator CNM8294 CZB3089 80 Washer CNR1664 31 Gear CND2813 81 Holder CNR1665 Gear 32 82 Screw JFZ20P022FNI CNR1677 Gear 83 Cover CNS7760 CNR1678 Gear 84 Holder CNV8569 CNR1679 CNP7621 85 Flexible PCB CNR1680 Gear CNM8969 86 Shield CNR1688 37 Gear Screw(M2x2) CBA1753 87 CNR1708 Gear Screw(M2x3) CBA1797 88 CNR1709 39 Gear CNM9201 89 Sheet CNV7383 40 Gear CNV7384 41 Holder CNV7385 42 Holder CNV7386 43 Rack CNV7387 44 Rack 45 Slider CNV7388 CNV7389 46 Slider 47 Holder CNV7390 CNV7391 49 Gear CNV7522 CNV7523 Gear

1 2 3 4



NAVIGATION UNIT (3) SECTION PARTS LIST

Mark No.	Description	Part No.
1	Screw	BPZ20P060FTC
2	Button(NAVI/AV)	CAC8427
3	Button(NAVI MENU)	CAC8428
4	Button(OPEN/CLOSE)	CAC8430
5	Button(DISP,PGM)(UC model)	CAC8504
	Button(DISP,TA)(EW model)	CAC8429
6	LCD	CAW1870
7	FFC	CDE7488
8	Holder	CND2010
9	Holder	CND2825
10	Insulator	CNM8616
11	Spacer	CNM8707
12	Sheet	CNM8858
13	Cushion	CNM9148
14	Lighting Conductor	CNV8570
15	Touch Panel	0074000
16		CSX1083
17	Screw(M2x2.5) FFC	CBA1615
		CDE7196
18 19	Holder Sheet	CND2418
19	Sileet	CNM7784
20	Insulator	CNM8031
21	Sheet	CNM8265
22	Conductor	CNM8857
23	Monitor Unit(UC model)	CWM9950
	Monitor Unit(EW model)	CWM9949
24	Connector(CN4801)	CKS3991
25	Connector(CN4005)	CKS4054
26	Connector(CN4301)	CKS4054
27	*****	
28	Connector(CN5002)	CKS4428
29	Connector(CN4003)	CKS4595
30	Connector(CN5001)	CKS4595
31	Connector(CN4681)	CKS4675
32	Connector(CN4002)	CKS4793
33	Connector(CN4701)	CKS4818
34	LCD Panel	CWX3056
35	Display Sub Grille Unit(UC model)	CXC4634
	Display Sub Grille Unit(EW model)	CXC4633

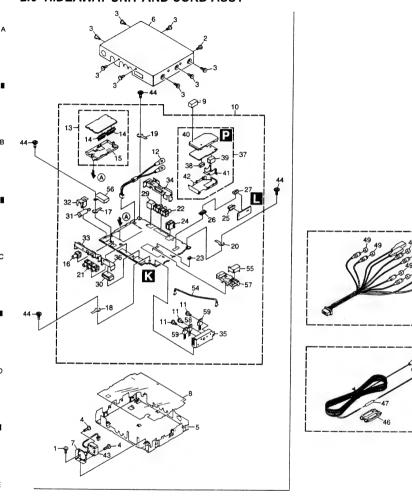
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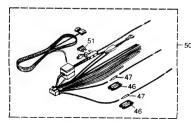
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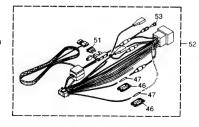
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AVIC-N2/XU/UC

2.6 HIDEAWAY UNIT AND CORD ASSY



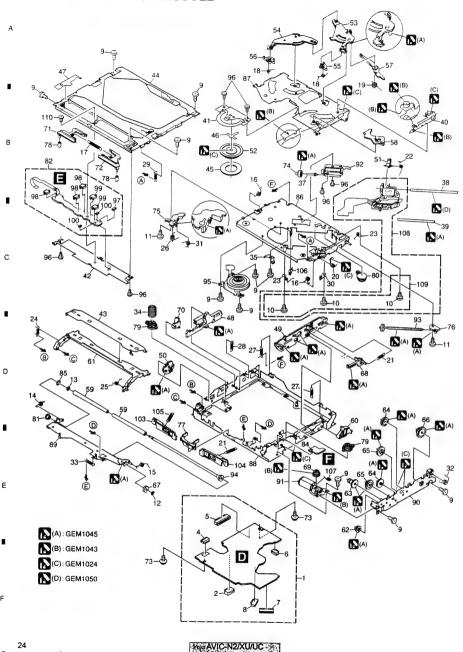




AVIC-N2/XU/UC

k No.	Description	Part No.	Mark !	NO.	Description	Part No.		
1	Screw	BMZ26P030FTC						
2	Screw	BMZ26P060FZK		47	Resistor	RS1/2PMF102J		Α
3	Screw	BSZ26P060FTC		48	Cord Assy	CDE7399		
4	Screw(M2.6x12)	CBA1620		49	Cap	CNV6727		
5	Chassis	CNA2697		50	Cord Assy(UC model)	CDE7487		
•	01100010		▲	51	Fuse(10A)	CEK1136		
6	Case(UC model)	CNB3154						
	Case(EW model)	CNB3153		52	Cord Assy(EW model)	CDE7486		
7	Holder	CND2821		53	Cap(EW model)	CKX-003		
8	Insulator	CNM8565		54	Cord(EW model)	CDH1332		
9	Gasket	CNM8954		55	Shield(EW model)	CND2814		
-				56	Shield(EW model)	CND1964		В
10	Mother Tuner Unit(UC model)	CWM9946						ь
	Mother Tuner Unit(EW model)	CWM9945		57	Tuner Unit(Y1801)(EW model)	CWE1674		
11	Screw	BMZ26P060FTC		58	Transistor(Q1907)	2SB1629		
12	Cord Assy	CDE7397		59	Transistor(Q1908,1909)	2SD2396		
13	FM/AM Tuner Unit(UC model)	CWE1651						
	, , , , , , , , , , , , , , , , , , , ,							
	FM/AM Tuner Unit(EW model)	CWE1650						
14	Connector(CN101,102)	CKS4653						
15	Holder	CND1432						
16	Pin Jack(CN1351)	CKB1065						
17	Terminal(CN1401)	CKF1064						С
• • •	,							-
18	Terminal(CN1403)	CKF1064						
19	Terminal(CN1903)	CKF1064						
20	Terminal(CN1904)	CKF1064						
21	Pin Jack(CN1301)	CKB1071						
22	Pin Jack(CN1701)	CKB1071						
	Time dan(entre)							
23	Connector(CN1950)	CKS4822						
24	Connector(CN1101)	CKS3414						
25	Connector(CN551)	CKS5205						
26	Connector(CN1841)	CKS5205						D
27	Connector(CN552)	CKS5204						_
	J. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.							
28	*****							
29	Connector(CN1201)	CKS4590						
30	Connector(CN1001)	CKS4646						_
31	Antenna Jack(CN1402)	CKX1056						
32	Holder	CND2818						
-	110.00							
33	Holder	CND1901						
34	Holder	CND1902						
35	Holder	CND2819						Ε
36	Holder	CND2820						
37	GPS Unit(UC model)	CWX2960						
0.	Si o omi(o o model)							
	GPS Unit(EW model)	CWX2929						
38	Connector(CN461)	CKS4280						
39	Connector(CN504)	CKS4432						•
40	Shield	CNC9192						
41	Holder	CNC9252						
42	Shield	CND1161						
43	Fan Motor(M102)	CXM1293						F
44	Screw	ISS26P060FTC						
45	Cord	CDE6825						
46	Cap	CNS1472						
			AVIC-N2/XU/U		 ,		23	

2.7 DVD MECHANISM MODULE



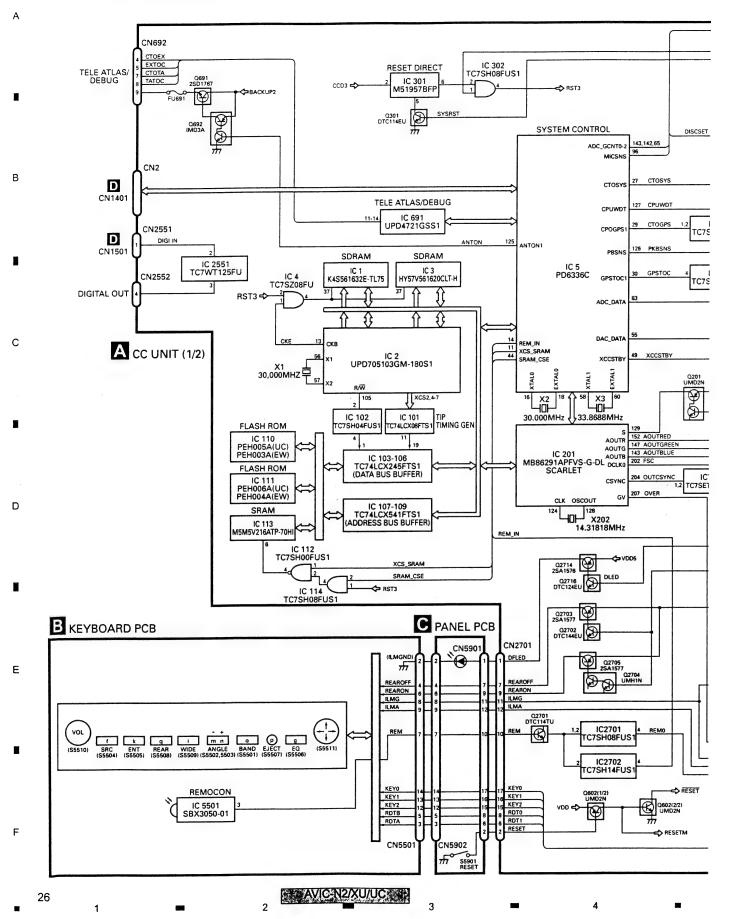
DVD MECHANISM MODULE SECTION PARTS HIS

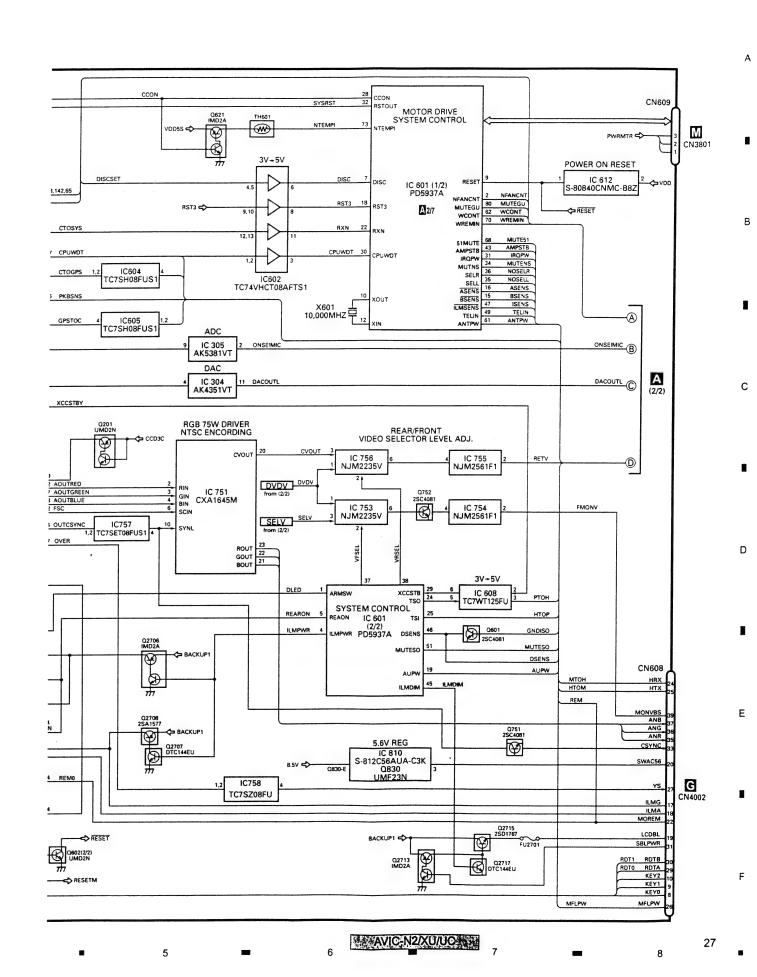
/D ME	ECHANISM MODULE	SECTION PARTS LIST			
ark No	Description	Part No.	Mark No	Description	Part No.
1	DVD Core Unit(MS3)	CWX2941	• 57	7 Arm	CNV7163
2	Connector(CN1501)	CKS4282	58		CNV7164
3	Connector(CN1401)	CKS4252	59		CNV7165
			60		
4	Connector(CN1202)	CKS4624	61) Arm	CNV7166
5	Connector(CN1611)	CKS4052			
			61		CNV8093
6	Connector(CN1603)	CKS4374	62		CNV7169
7	Connector(CN1101)	CKS4625	63		CNV7170
8	Connector(CN1201)	CKS4067	64		CNV7171
9	Screw	BMZ20P020FTC	65	Gear(Black)	CNV7172
10	Screw(M2 x 3.5)	CBA1571			
			66	Gear	CNV7173
11	Screw(M2 x 2.5)	CBA1623	67	Gear	CNV7174
12	Washer	CBF1038	68	Rack	CNV7175
13	Washer		69		CNV7176
14		CBF1064	70		
	Spring	CBH2586	70	Arm	CNV8077
15	Spring	CBH2587			
			71	Lever	CNV7178
16	Spring	CBH2588	72		CNV7179
17	Spring	CBH2589	73	Screw	IMS20P030FTC
18	Spring	CBH2590	74	Gear	CNV7181
19	Spring	CBH2591	75	Holder	CNV7183
20	Spring	CBH2592			
	-pg	05/12552	76	Holder	CNV7184
21	Spring	CRUSSOS	77	Guide	CNV7745
		CBH2593	78	Roller	
22	Spring	CBH2594			CNV7344
23	Spring	CBH2595	79	Damper	CNV7470
24	Spring	CBH2596	80	Damper	CNV7471
25	Spring	CBH2597			
			81	Collar	CNV7645
26	Spring	CBH2598	82	Compound Unit(A)	CWX3154
27	Spring	CBH2599	83	*****	
28	Spring	CBH2600	- 84	Compound Unit(B)	CWX3156
29	Spring	CBH2601	85	Washer	YE20FTC
			00	**43:161	TEZUFIC
30	Spring	CBH2602	86	Chancia I Init	040000
				Chassis Unit	CXC3629
31	Spring	CBH2603	87	Arm Unit	CXB8681
32	Spring	CBH2604	88	Frame Unit	CXB8683
33	Spring	CBH2605	89	Arm Unit	CXC4701
34	Spring	CBH2711	90	Bracket Unit	CXB8685
35	Spring	CBL1564			
	- Frg	3521334	91	Motor Unit(LOADING)(M1)	CXC4659
36	*****		92	Motor Unit(CARRIAGE)(M2)	CXC4314
			93		
37	Shaft	CLA3881		Screw Unit	CXB8689
38	Shaft	CLA4206	94	Roller Unit	CXB8690
39	Shaft	CLA4207	95	Motor(SPINDLE)(M3)	CXM1308
40	Lever	CNC9933			
			96	Screw	JFZ20P018FTC
41	Holder	CNC9939	97	Photo-transistor(Q1299)	CPT231SCTD
42	Holder	CND2251	98	Spring Switch(S1201,1202,1203	
43	Holder	CNC9941	99	Spring Switch(S1204,1205)	CSN1070
44	Frame	CND2250	100	Resistor(R1298,1299)	RS1/16S0R0J
45			100	1,699(0)(1,1590,1599)	NO IT IDOURUS
40	Sheet	CNM6883	404	••••	
	2 1		101		
46	Sheet	CNM8283	102	•••••	_
47	Sheet	CNM8643	103	Arm	CNV7742
48	Lever	CNV8076	104	Arm	CNV7743
49	Lever	CNV7155	105	Spring	CBH2710
50	Cam	CNV7156		-	
			106	Spring	CBL1643
51	Rack	CNV7157	107	Spring	CBH2712
52	Clamper	CNV7158	108	Pickup Unit(Service)(Screw)	GXX1234
53	Arm	CNV7159	109	Screw Assy	CXX1750
54	Arm	CNV7160	110	Screw(M1.4 x 1.4)	CBA1787
55	Arm	CNV7161			
56	Arm	CNV7162			
				_	

AVIC-N2/XU/UC

3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM

3.1 BLOCK DIAGRAM





J RELAY PCB A CC UNIT (2/2) CN2802 CCFAN CN607 0754 2SC4081 NAVI FAN HPF AMP NEANCNT CN2803 ADC_GCNT0-2 DVDV MIC HPF MIC AMP Q823-825 835 LPF,AMP ATT MUTE Q2604,2605,2601 DTC323TU Q2603,2606,2606 UMD2N IC2601(1/2) NJM3403AV IC2601(2/2) NJM3403A\ 1(1/2) 103AV Q2402 DTC323TU DVD BUFF. Q823,825,835 Q824 2SC4081 2SB1184F5 DVD LPF ELECTRONIC VOLUME/ SOURCE SELECTOR IC2407 IJM3403A MUTE IC2401 PML009A MUTE Q2403 DTC323TU D MUTE CONT Q2831-2833 Q2844-2846 DTC323TU CN161 Q2401 UMD2N MUTE 20 GUIDE SP AMP MUTE 20 MUTE IC2403 TDA7052BT VST 19 VDT 18 VCK 17 1 IC309 RST3

→ 2 TC7SH08FUS1 MUTE 4 CN2804 Q2420 DTC114EU AUDIO/GUIDE MIXAMP L,R SEP AMP L,R SEP AMP MUTE MUTE IC2402 TC7W66FU Q2417 Q2418 DTC323TU IC2402 TC7W66FU **GUIDE** IC2404 NJM2058V IC2553 NJM2068V 7 Q2409 DTC323TU IC2552 NJM2068V IC2552 NJM2068V SPEAKER OUT AUDIO AMP NSEIMUTE1

Q2408

RESETM

DUMD2N Q2416 UMD2N FL 12 RL 14 RR 15 CN802 MUTE IC2405 PAL007A MUTE CONT **A** (1/2) Q2427,2428 DTC124EU Vehicle MUTE51 ASENS PKBSNS мвир 🗢 BACKUP2 MUTE CONT Q840 2SA 1576 IC2408 NJM2107F CN731 FAN DRIVE CN971 8 Q971-973 BACKUP2 Q971 IMX2 DSENS Q972 IMD3A Q973 Q2422 2SC4081 3.3V,2.5V REG 2SD1767 IC804 TPS5102IDBT SD3VC O821 2SA1834F5 CCD3C CCD3 K VD033 Ε O810 DTC114EU 777 CCD5C <-CN100 3V REG 8.0V REG SRVD033 🗢 IC805 TPS5103IDB Q811 RK4936 IC806 S-L2980A33MC-C69 VCC33 5.6V REG IC808 S-812C52AUA-C3G CONTB

CONTB IC603 TC7SH08FUS1 8.5V, 5V REG IC611 TC7S04FU IC803 IPS5102IDBT IC801 PQ018EZ01ZP Q815,819 RK4936 RESET 0838 DTC144EU SELV AVIC-Ņ2/XU/UÇ #- AVIC-N2/XU/UC

G MONITOR PCB CN4002 VILMA IC4702 TC7SH08FUS1 CON. IC4 PD6: X4701 = 4.97MHz = 23 VCC

Q4741
DTA123JK Q4742 DTC124EK MONITOR SYSTEM Α LKYDT 11 LDPDT 12 IC4212 TC7SH08FUS1 DIMMER IC4901 NJM2903V RXD MFLPW ROT0 ROT1 RESET INVBST IC4602 S-80835CNNB-B8U IC4601 PE5413B TEMP SENS TH4601 V REG IC4851 R1224N102H Q4851 CPH6316 REG. IC4841 R1130H251B REG. ⇒ VCC(V8) IC4861 MAX1748EUES1 EEP ROM IC4651 S-93C46BR0I-J8T1 Q4101 Q4102 Q4103 FILTER 2SC4617 2SA1774 2SC4617 Q4101-4103 Q4151-4156 UMZ1N Q4153(1/2) Q4152(1/2) Q4151(1/2) FILTER Q4111,4113,4121,4123,4131,4133 Q4112,4122,4132 2SC4617 2SA1774 OSD IC 4001 TC90A64AF-P IC 4151 NJM2138V IC 4061 TC7SH08FUS1 BOUT FILTER FILTER IC 4142 TK15404AM IC 4141 TC7SH08FUS1 VCOM AMP IC 4181 NJM082BV X4001 42MHz

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INVERTER PCB NAVI SW KDT4 26 KDT3 25 KST2 13 KST1 14 POS S5001 NAVI AV NAVI MENU **S**" **S** INVERTER IC5005 SI6544DQ LCD CONTROL NDRV-IC5003 OZ961ISN IC4701 PD6340A 12 11 IC5004 SI6544DQ V2500 PDRV_0 701 = 22 MHz = 23 IC5002 TC7SET08FUS PWRFL PWRFL PWRFL Q5101,5102,5020 2SC4617 Q5105 Q5103 UMX2N 2SA1774 Q4741 DTA123JK Q4742 DTC124EK FEEDBACK DET CN470 LCD CN4005 CN4301 KDT1 KDT2 KST1 KST2 S4351 \$4353 HALF/CLK DISP 4901 12903V TA/NEWS OPEN/CLOSE SUB LCD BACK LIGHT D4321,D4322 AUTO DIMMER SENSOR AMP IC4311 NJM062V EMP SENS TH4601 UPPER PCB TOUCH PANEL CONTROL CN4681 Q4681,4682 IMD2A **TOUCH PANEL** LCD PANEL EEP ROM IC4651 :46BR0I-J8T1 LCD CN4801 **BACK LIGHT** LCD

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AVIC-N2/XU/UC

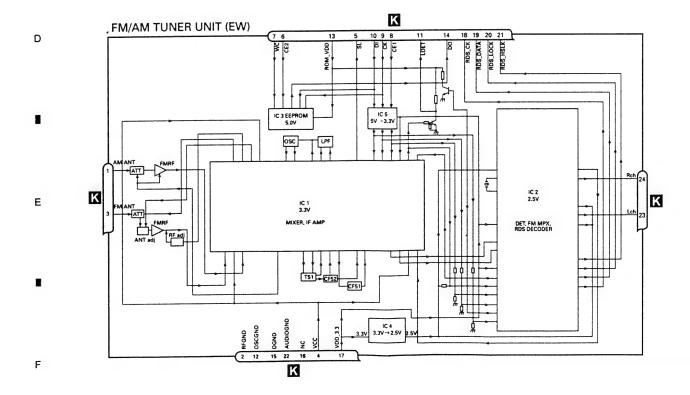
K MOTHER PCB CN1402 AMP AM_ANT IC1402 3.3V REG TO FM/AM TUNER UNIT NJM4558E IC1401 NJM2391DL1-33 Q1402 2SC3127 EW model FM TUNER UNIT CN1404 CN1801 CN 1001 REM PTOH X1601 == 12.58MHz == VDT VCK MUTEAMP BSENS VST MTOH IC1607 RESET TC7SH08FUS1 SWVDD SWBUP VHVDD VHFM85 A IC1601 TC7SH04FUS1 CN731 IC1605 TC7SH08FUS1 IC1604 TC7SH08FUS1 IN2A IC1002 OUT2 8 NMR
IN1A TA2050FS1 OUT1 1 NML VIDEO ISOLATOR DORAL DORAF IC1001 NJM2137V GPSTOC 13 GPSTOC 12 CTOGPS 16 RQ SELR SELL SELV NML HACCPW NMR 8 IC1902 M5237ML FAN MOTOR CN1950 8 Q1952 2SD2098 VTR2V VTR1V VIDEO ISOLATOR VTR1L CN1301 IC1302 VTR1R VIDEO V NJM2137V VCR1 AUDIO ISOLATOR 5V REG INPUT IC1872 AUDIO L IC1301 S-L2980A50MC-C7J TA2050FS1 8 VIDEO ISOLATOR 3V REG IC1901 REAR VIEW IC1352 IC1871 NJM2391 CAMERA DY NJM2137V S-812C33AMC-C2N DL1-33 INPUT CN1951 CAR SPEED PULSE AND REVERSE GEAR REVERSE

MCON INTERFEACE CN1201 IC1603 PE5412B(UC) PE5411B(EW) IP-SEL1 VSELIN AV-BUS INPUT **D** AVONI HIPRX VIDEO ISOLATOR VIDEO GND COMP VIDEO IC1201 X1601 = 38 NJM2137V HASENBO TX RX IC1101 CN1101 HA12240FP IC1608 TC7SH04FUS1 HMUTEA MUTEA MUTEVOL IP-BUS Q1101 DTC124EU REVSENS REVSENS AUDIO ISOLATOR SCL IC1102 TA2050FS1 AV SELECTOR REAR VIDEO AMP OUTPUT IC1501 CN1701 REARY IC1552 NJM2561F1 CXA2069Q VIDEO 25C2412K NMR MUTE Q1559 FMG12 LOUT2 43 LOUT2 Q1556 2SC2412K ROUT2 ROUT2 45 CONNECTOR PCB CN1841 CN552 CN551 Q1558 2SC2412K HSELV VTR2V 63 52 SELL LOUT1 VTR1V 4 SELR VTR1L_16 ROUT GYRO SENSOF VTR1R 1 GY1861 CSX1042 VIDEO AMP P IC1551 G SENSOR NJM2561F1 GY1865 CN461 CSX1074 901 REVERSE GREV GPSTOC CTOGPS RQ GTC CTG 12391 1-33 RQ Q1881 DTC114EU IC1821 NJM2904M SPD SPEED Q1821 DTC114EU

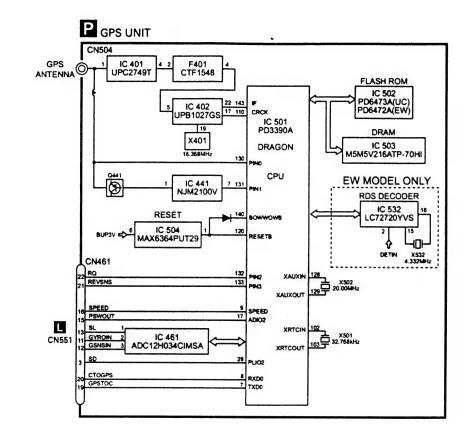
AVIC-N2/XU/UC

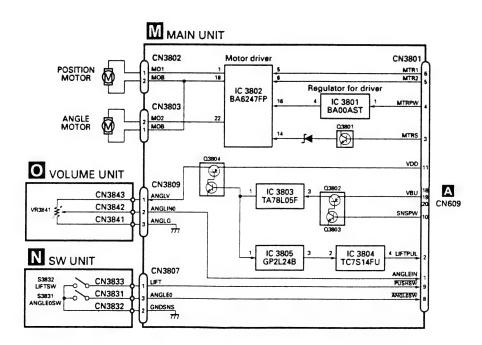
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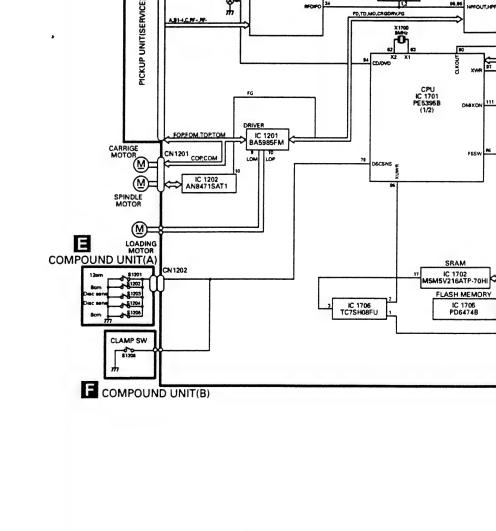
AVIC-N2/XU/UC



34 AVC-N2/XU/UC 34 3 4







D DVD CORE UNIT (MS3)

D

D

В

SODC IC 1301 MNZS26EDCUB

TBAL, FBAL, JLINE, TEY, ASF, FEY, ARF+, ARF
OFTR, BOO, AFENY, TESTEG

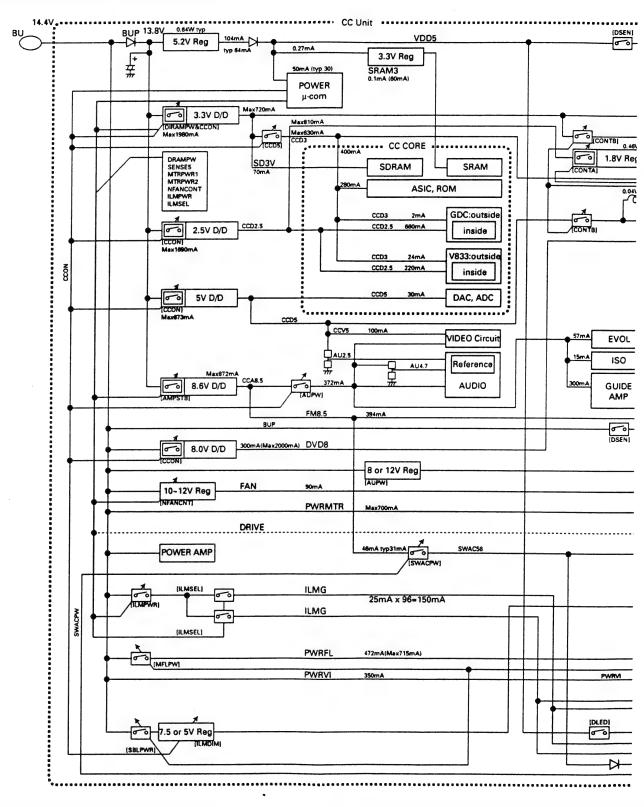
IC 1302 TC74HC4053AFT 1,3,13 2,6,12 4,7 IC 1303 NJM2100V

SDRAM SODC IC 1301 IZS26EDCUB IC 1501 K4S641632H-TC75 IC 1502 TC74VCX74FT IC 1401 TC74LCX245FT A CN2 IC 1504 TC74VCX74FT IC 1406 TC74LCX244FT IC 1403 TC74LCX244FT IC 1402 TC7SH04FU CN1501 IC 1607 TC74VHC541FT A CN2551 CN 1611 1 IC 1606 10 PCM1742KE VIDEO OUT IC 1804 PQ1X251M2ZP IC 1602 NJM2100M ANALOG ROUT A CN607 IC 1604 NJM2100V AMUTE, VCONTA, VCONTB, XRESET, IROPWR, HETCMO, SLVSTS

POWER SUPPLY SYSTEM FIGURE

С

D



37 38 3 4 4

Mother Tuner Unit [DSEN] VDDH5 DSWVDD 53.5mA(113.5 pulse) + # MS3(V+R) 45mA (typ) SRAM SYSTEM **DIGITAL** 1.8V Reg MUTE CIRCUIT AV CHIP VDD33 (Max260mA) = 0.3V 190 mA GPS CORE CPU 3.0V Reg GPSBUP3 SRAM AVCC5 (Max13mA) ± 0.3V 10mA

WCC5 (Max230mA) ± 0.25V 190mA 3.3V Reg GPS3 **ANALOG** DRAGON OONTS! 5V Reg A/D FEP, PU 5V Reg **Pulse Circuit** Gyro, G Senso TMC PLL С RF **EVOL** TUNER ISO ROM 103mA RF GUIDE 8.5V Reg PLL 3.3V Reg VFM55 172mA (DSEN) (SRCPWR) 8.8V Reg DSWBUP ISOLATOR, MIX VHFAN FAN MOTOR AMP FAN MOTOR **AVSEL** D CC FAN MOTOR MAX45mA Monitor u-com ANGLE LIFT TOUCH PANEL LCDBL ******* Drive Unit BL Panel PCB ···· Keyboard PCB ··· **PICTURE** G LED KEY LED A LED mote contro sensor

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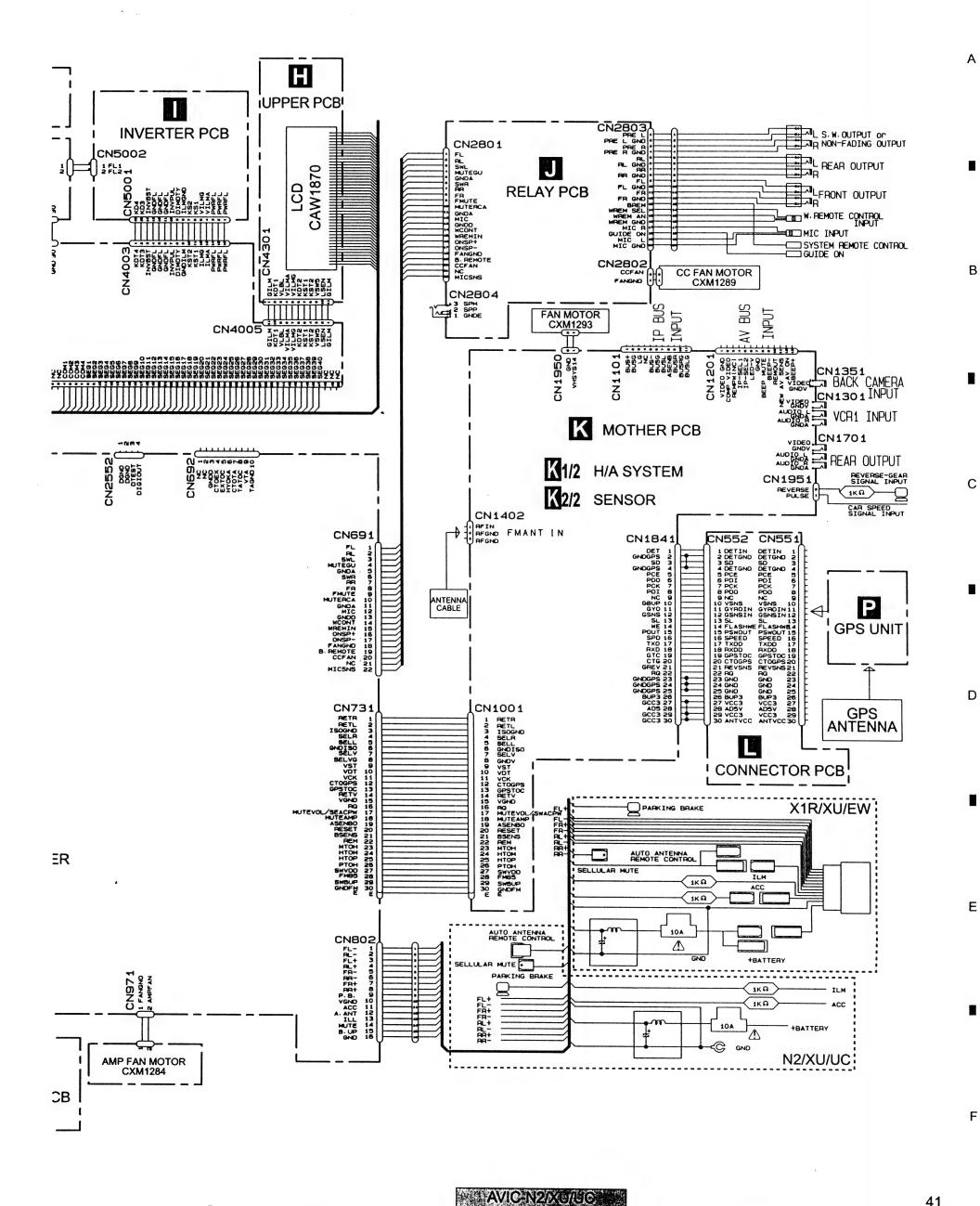
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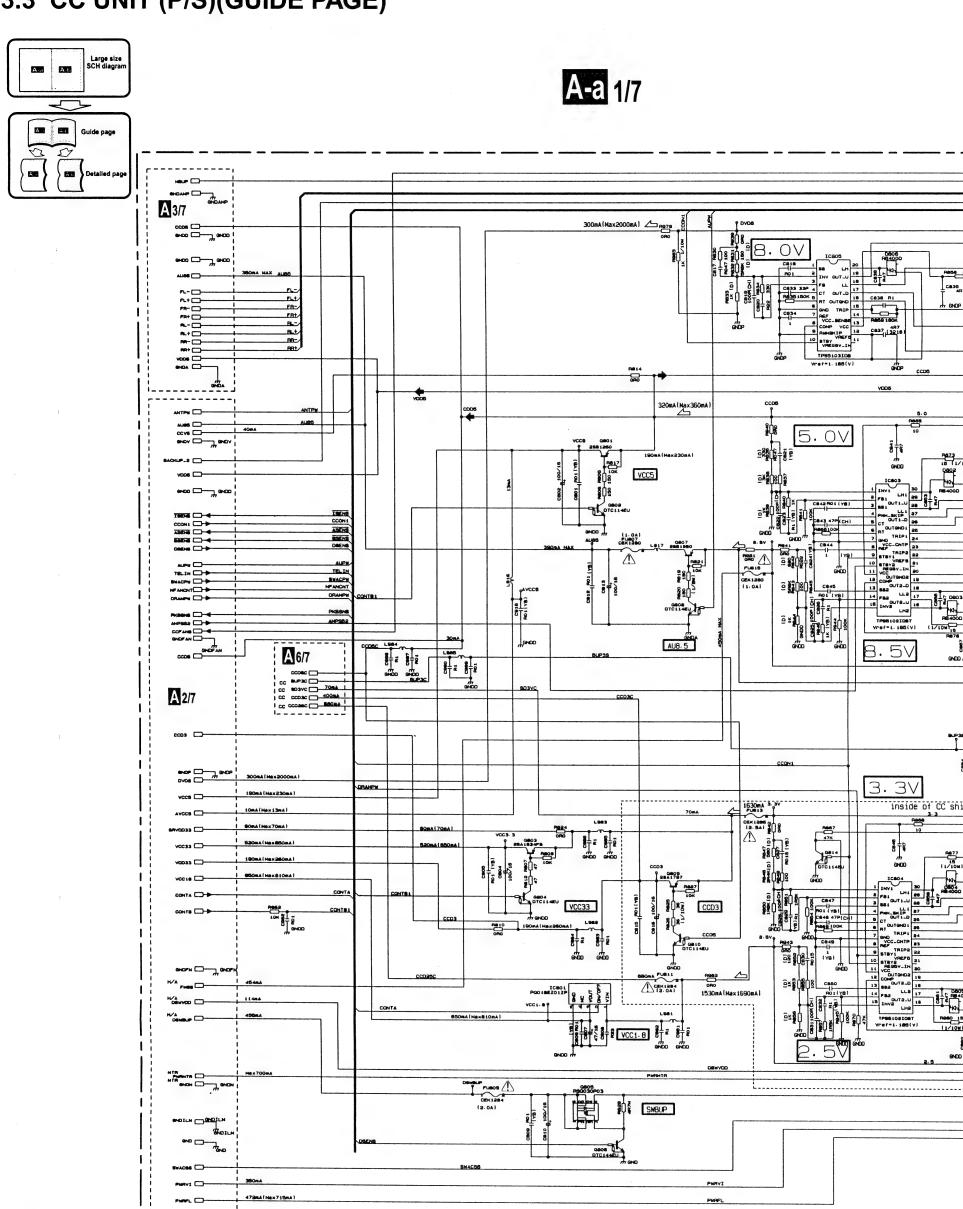
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AVICH2/XU/UC

PANEL PCB



3.3 CC UNIT (P/S)(GUIDE PAGE)



A 1/7

Α A-b 1/7 M100 FAN MOTOR CXM1284 **A 1/7** CC UNIT (P/S) FUE71 09731787 ANTENNA ON DE DE Back up filter BOX NAVI FAN PUB04 CEX1285 (2.5A) С 884Z 8 7 9815 å¢ BSENS CN805 RL-ACC FL+ RL+ ASENS 5 FR-6 AB-FR+ SRAM3 tAA e 9 P.B. D 10 VGND 3, 3V ACC ILM SENS 1 1 ACC 11 ACC 12 A. ANT 13 ILL 14 MUTE 15 B. UP 16 GND inside of CC shield case 12 A. ANT SWAC56 Ε DAN202U 01C144EU FLBUP PWRVI PWRFL IVOND

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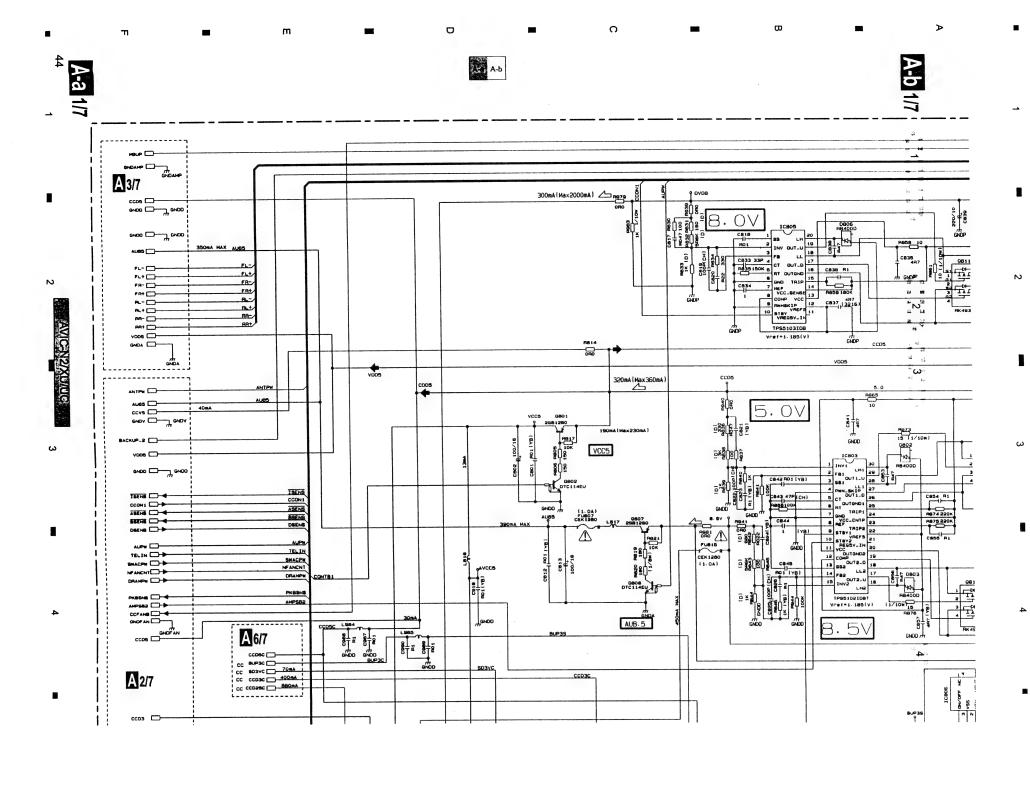
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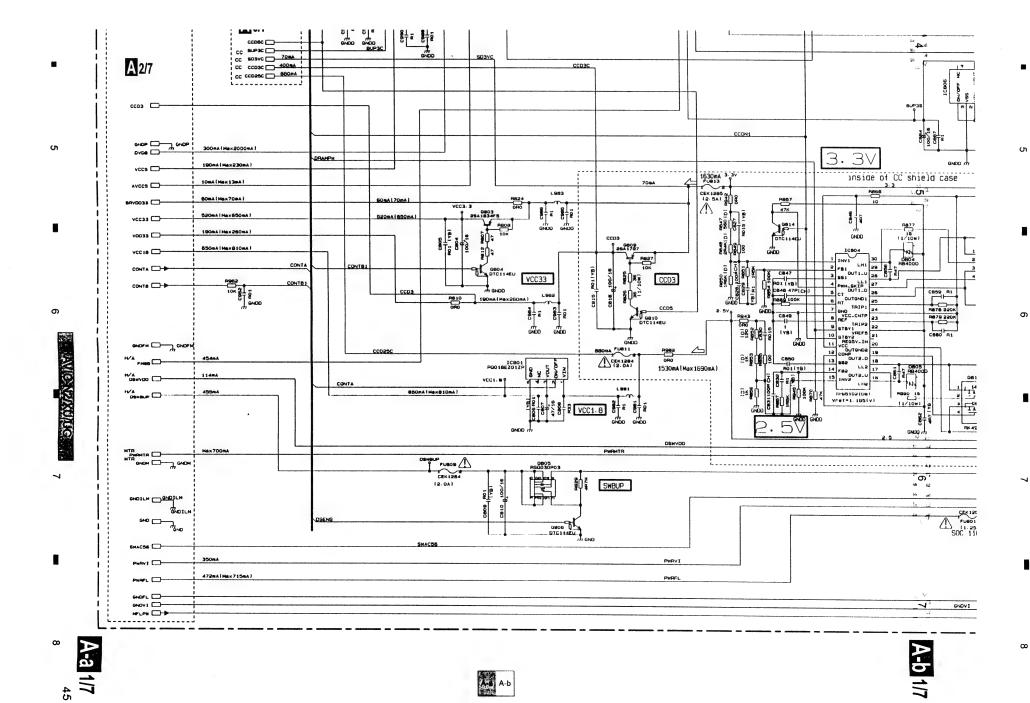
A 1/7

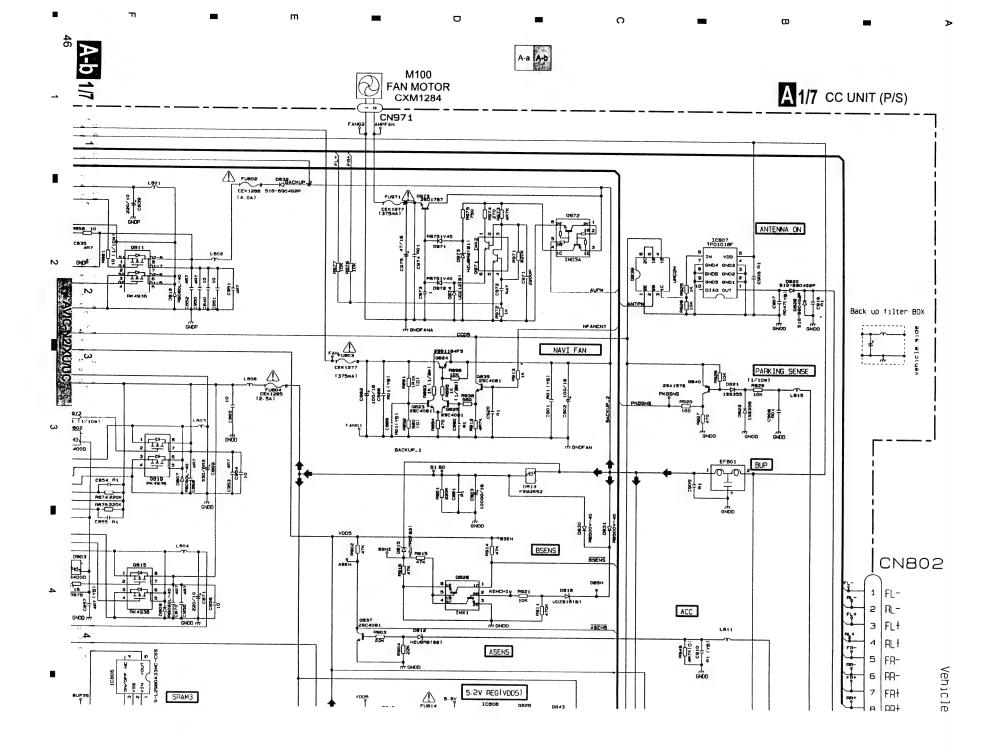
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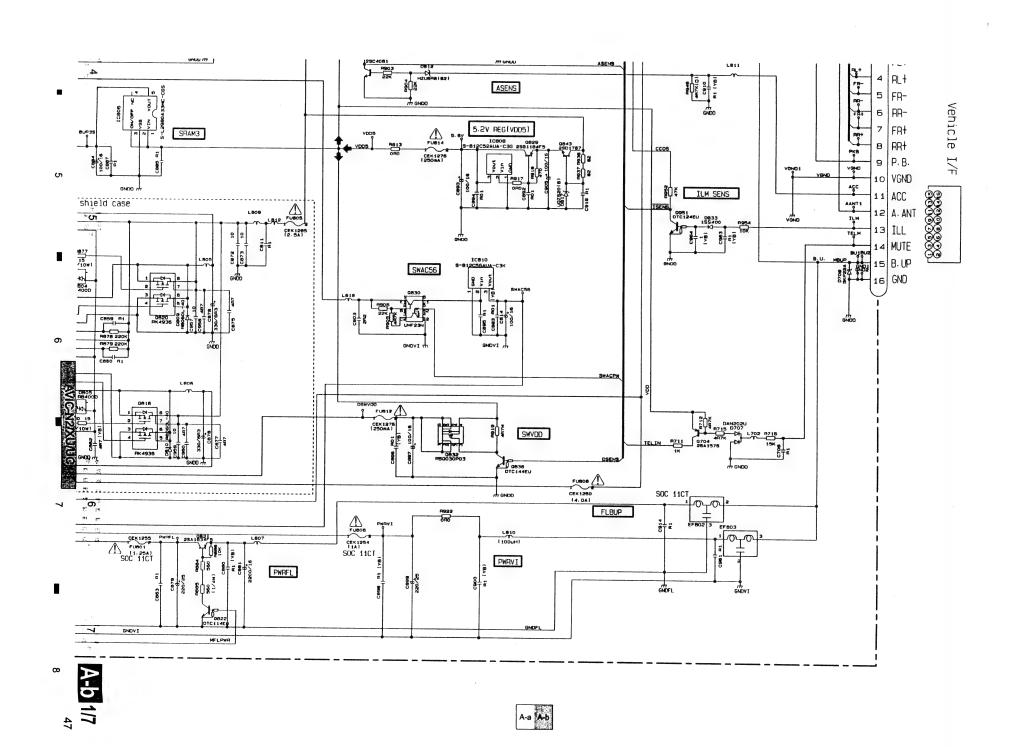
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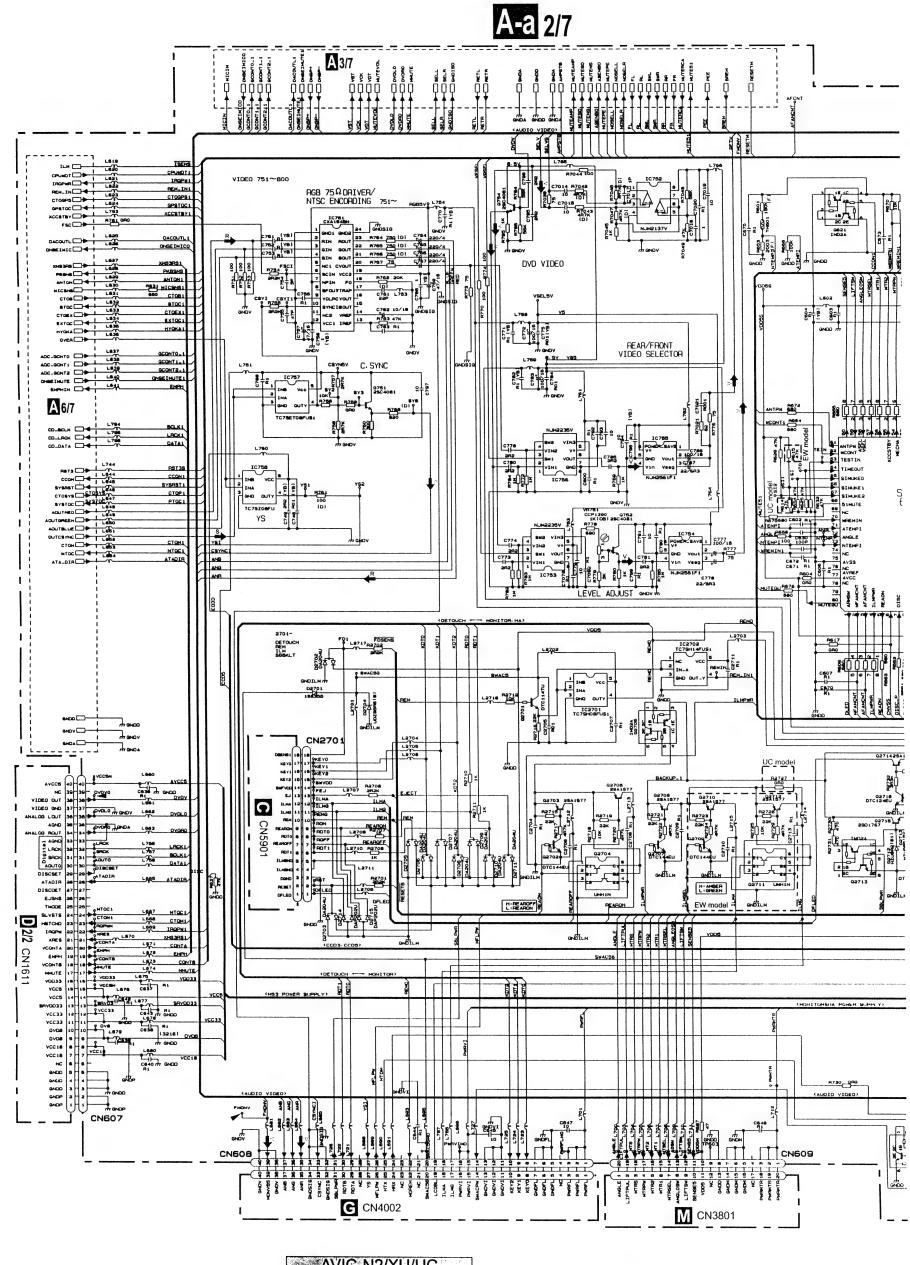






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3.4 CC UNIT (SYSCOM, VIDEO, IF)(GUIDE PAGE)



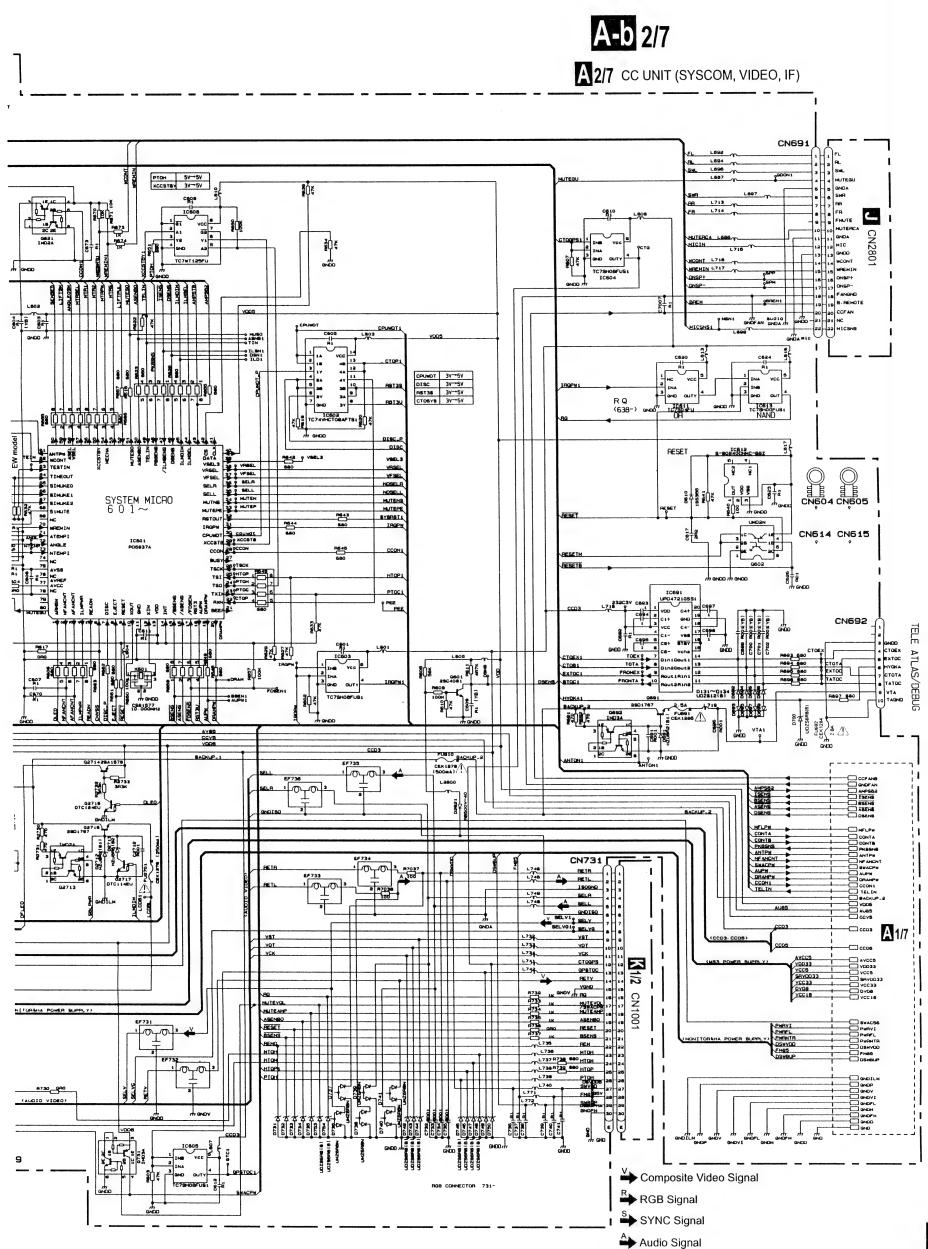
A 2/7

AVIC-N2/XU/UC

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A 2/7

AVIC-N2/XU/UC

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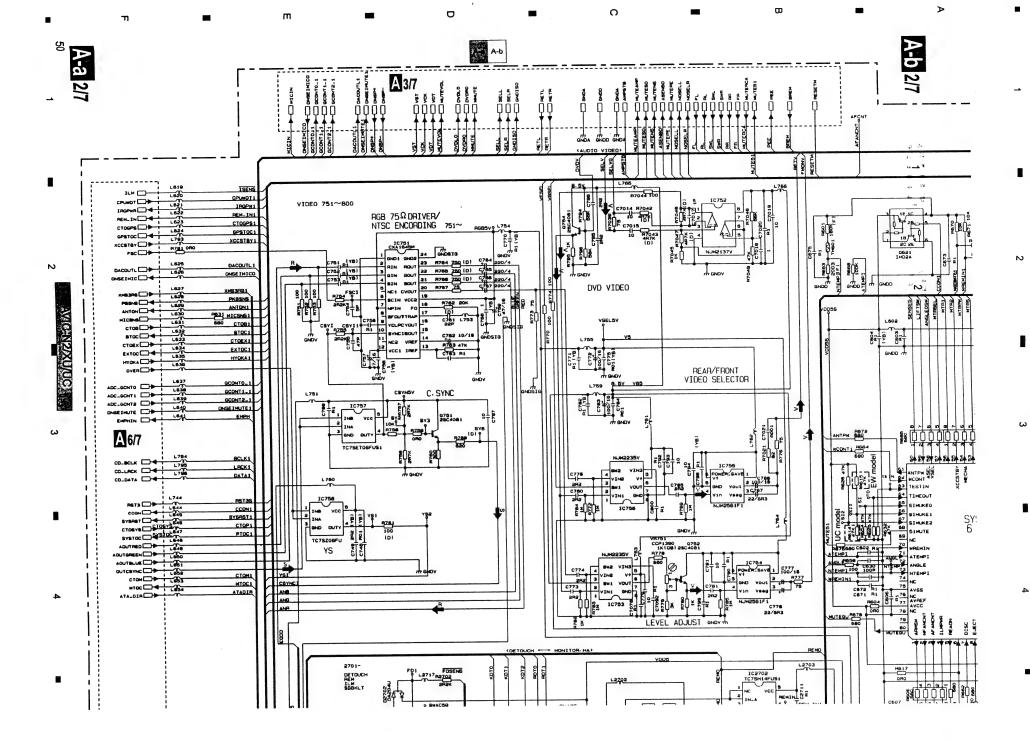
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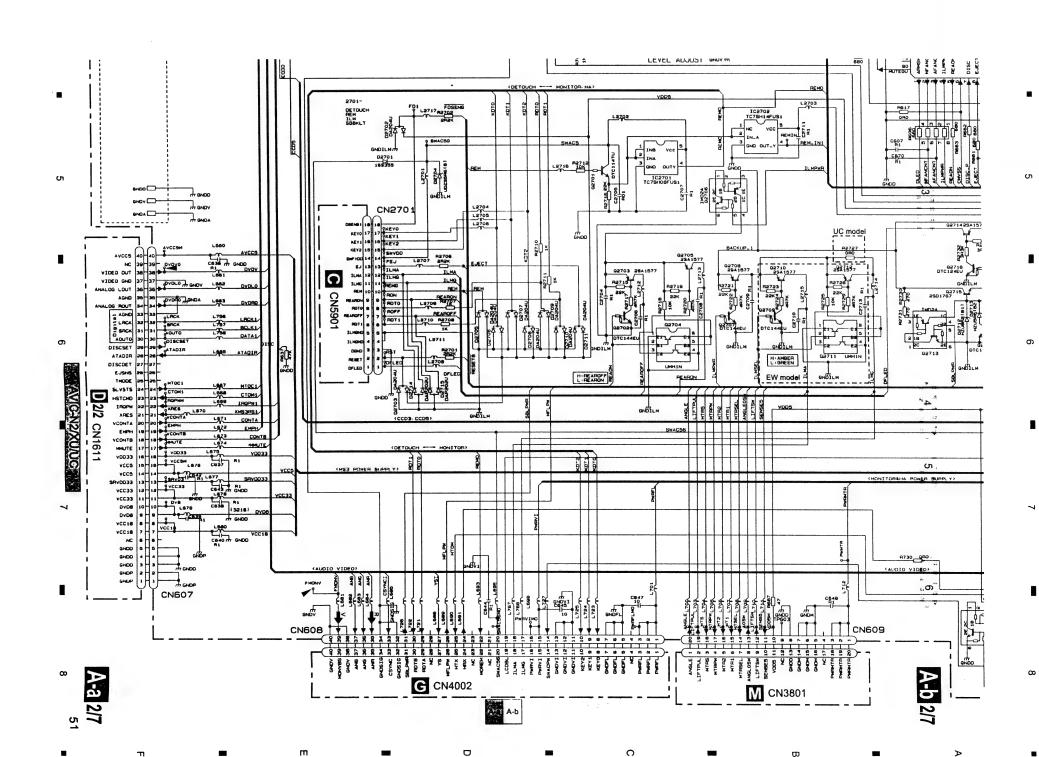
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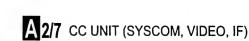
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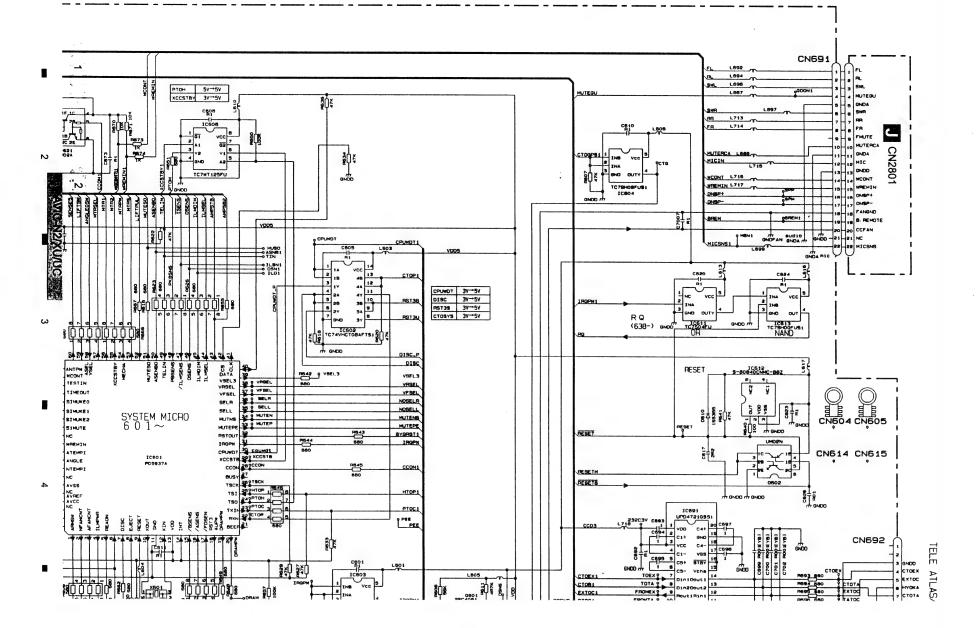
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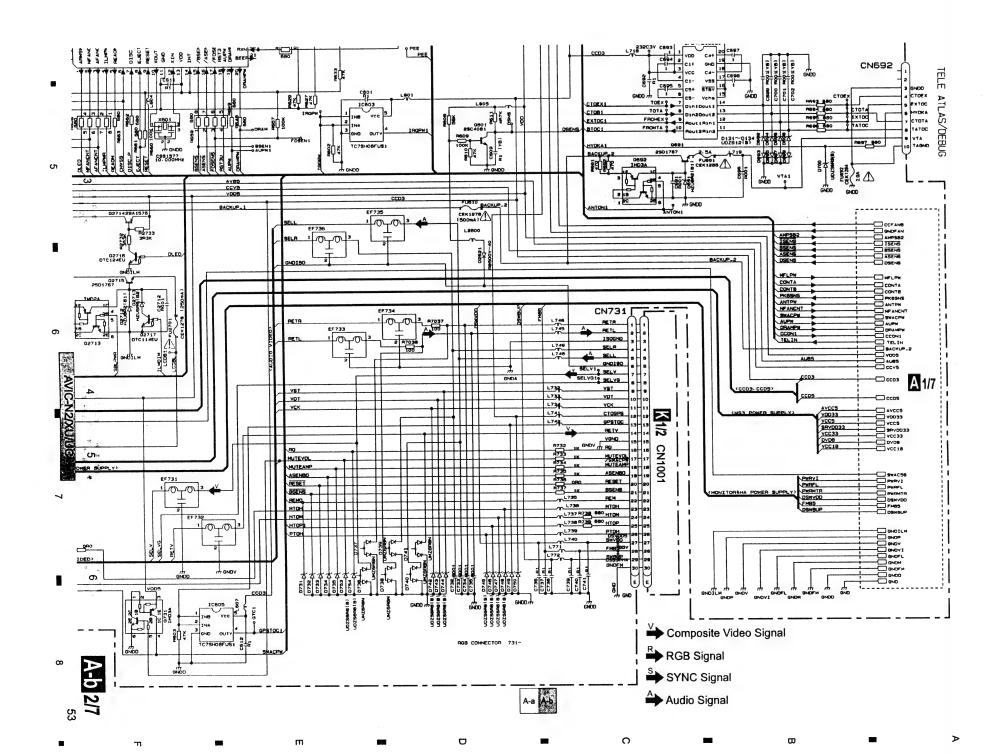










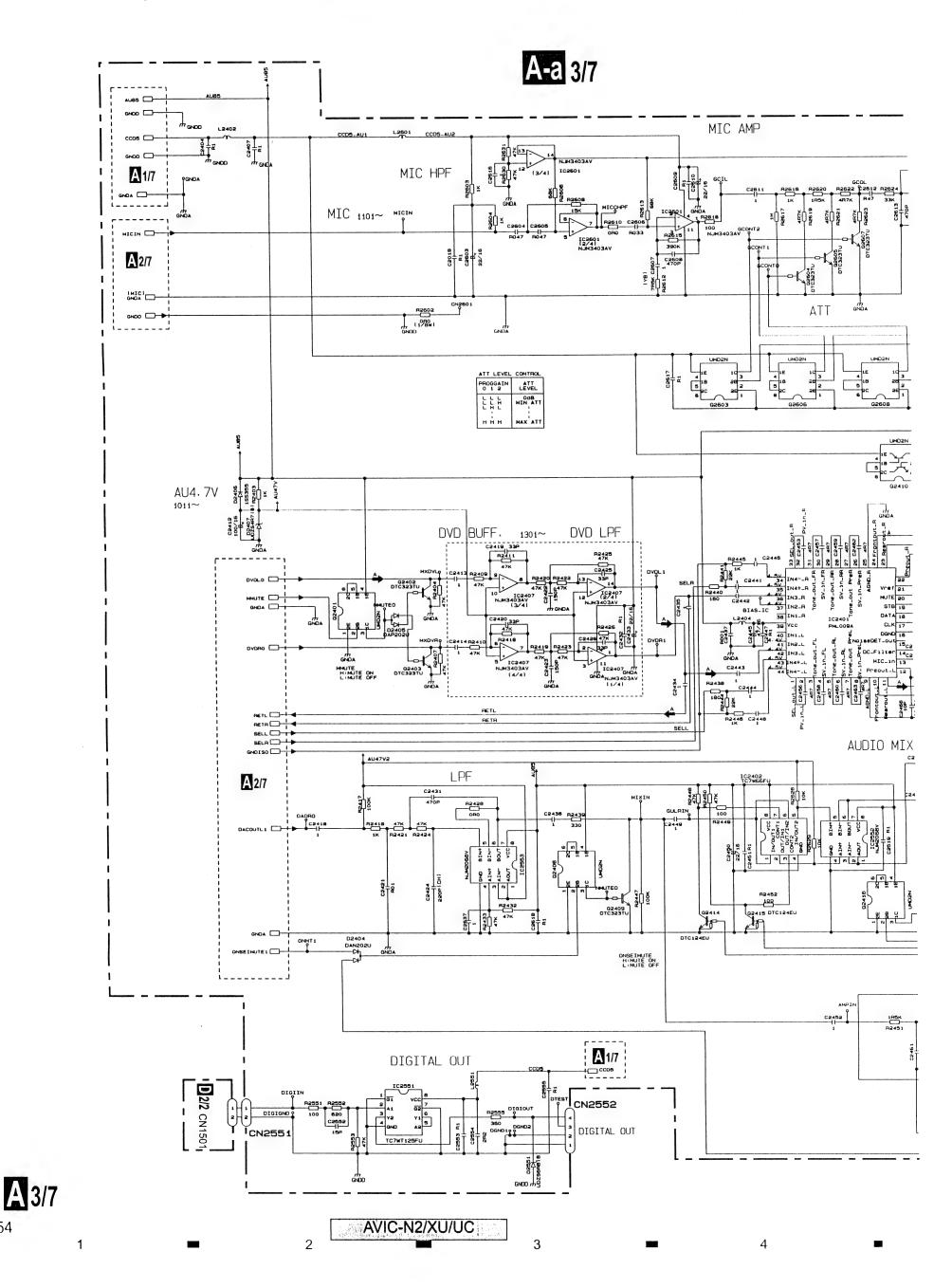


3.5 CC UNIT (AUDIO)(GUIDE PAGE)

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A-b 3/7

A 3/7 CC UNIT (AUDIO)

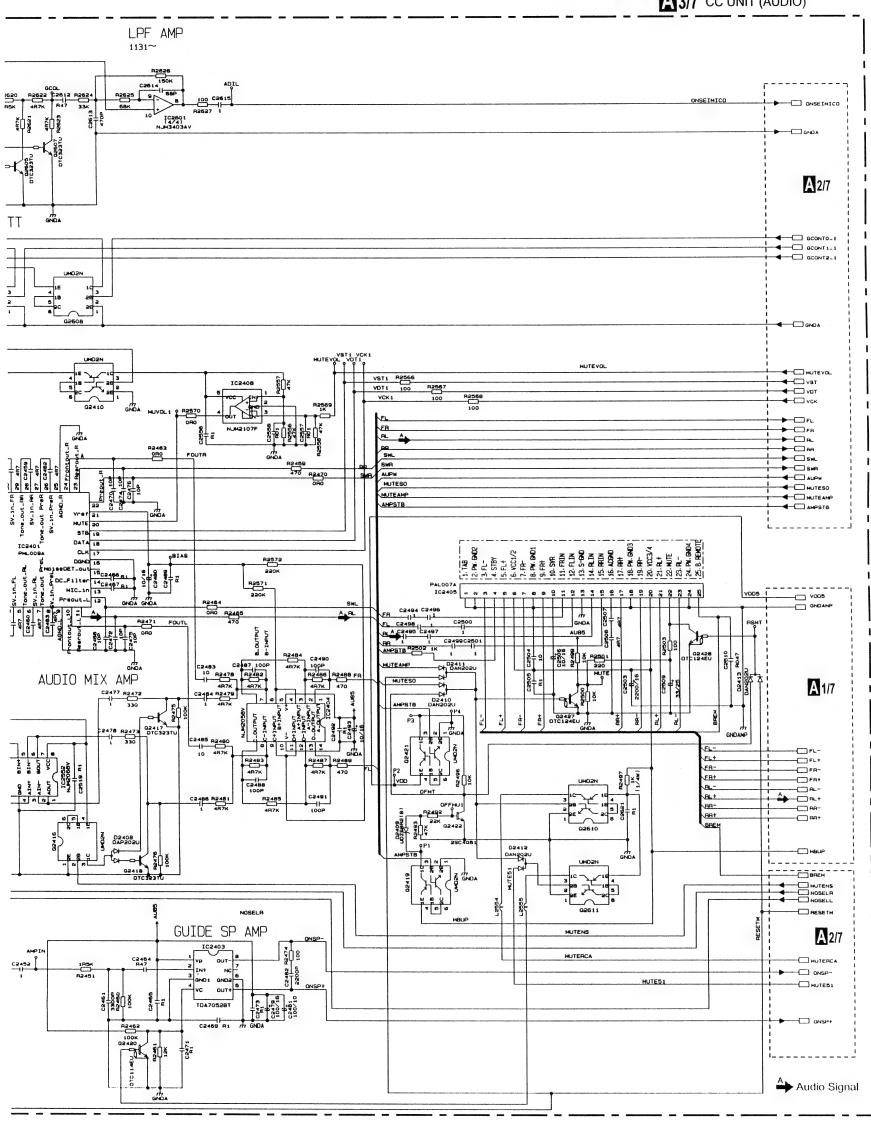
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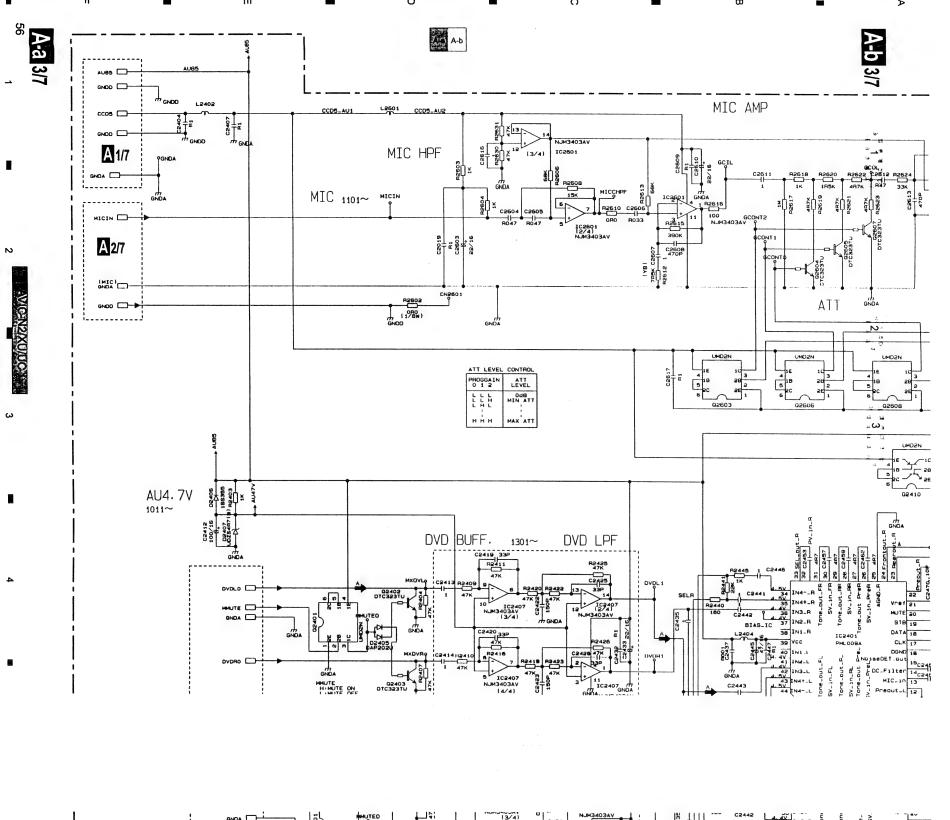
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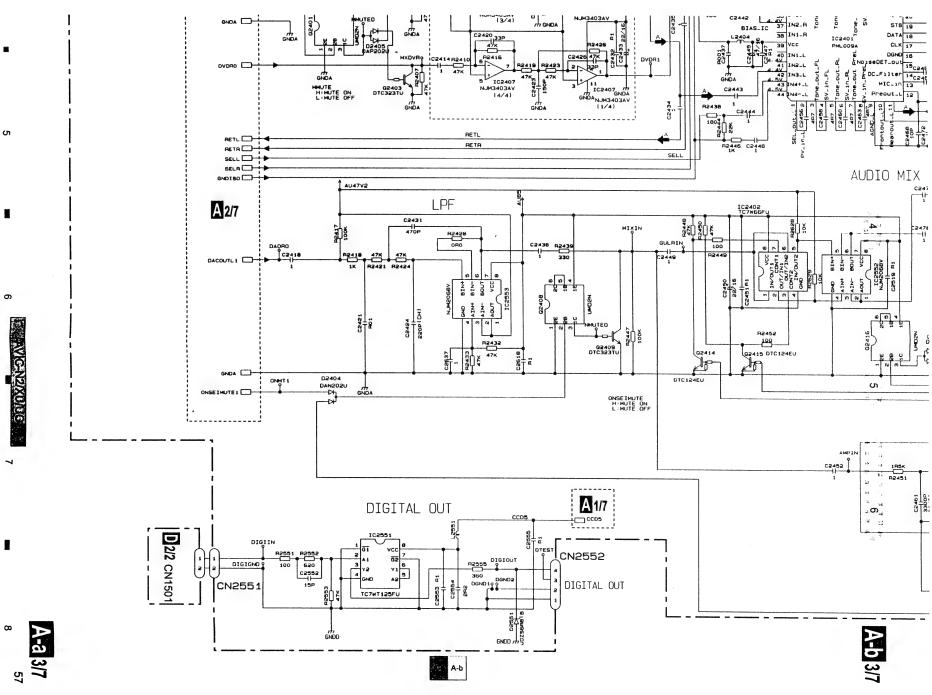


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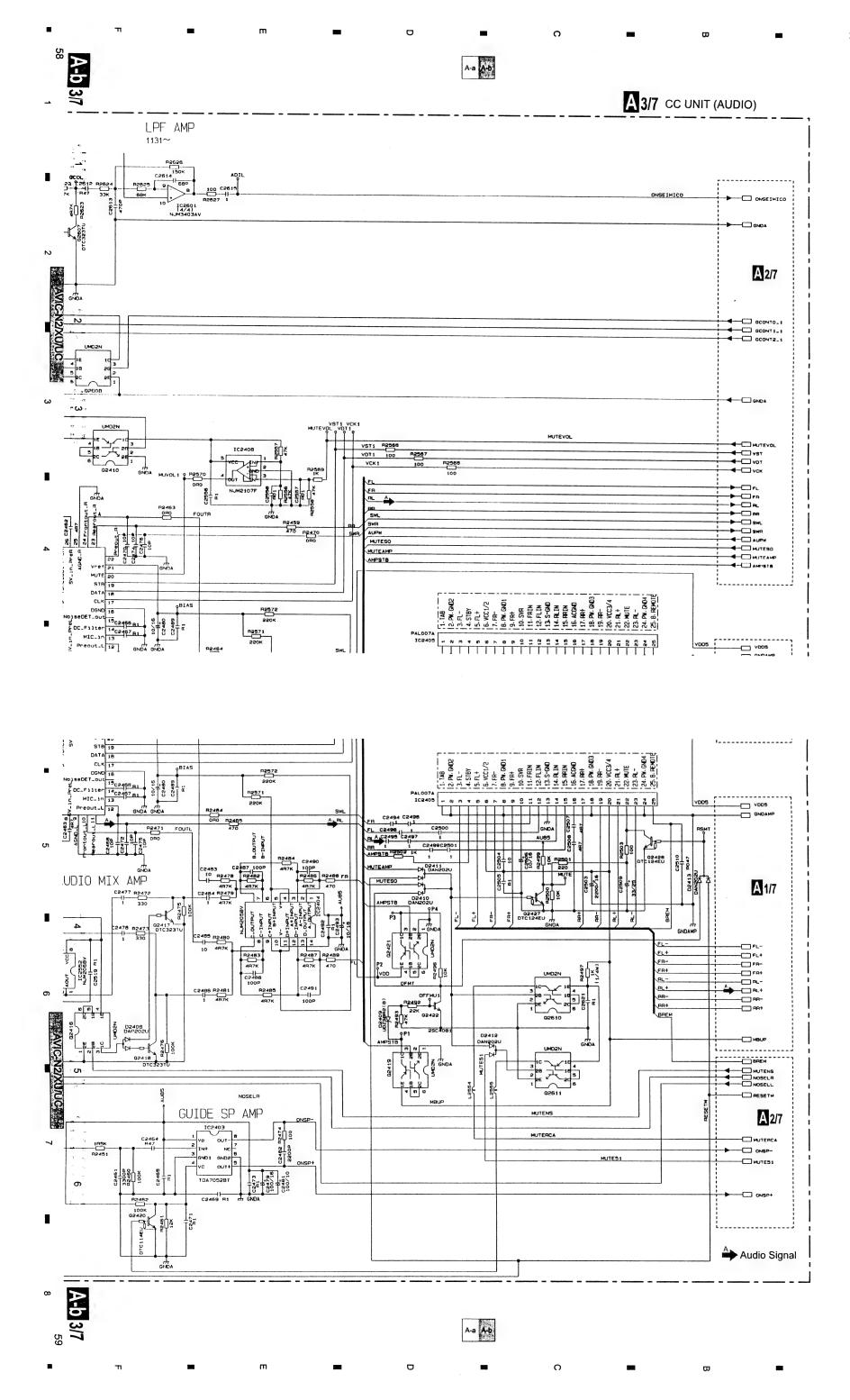
AVIC-N2/XU/UG



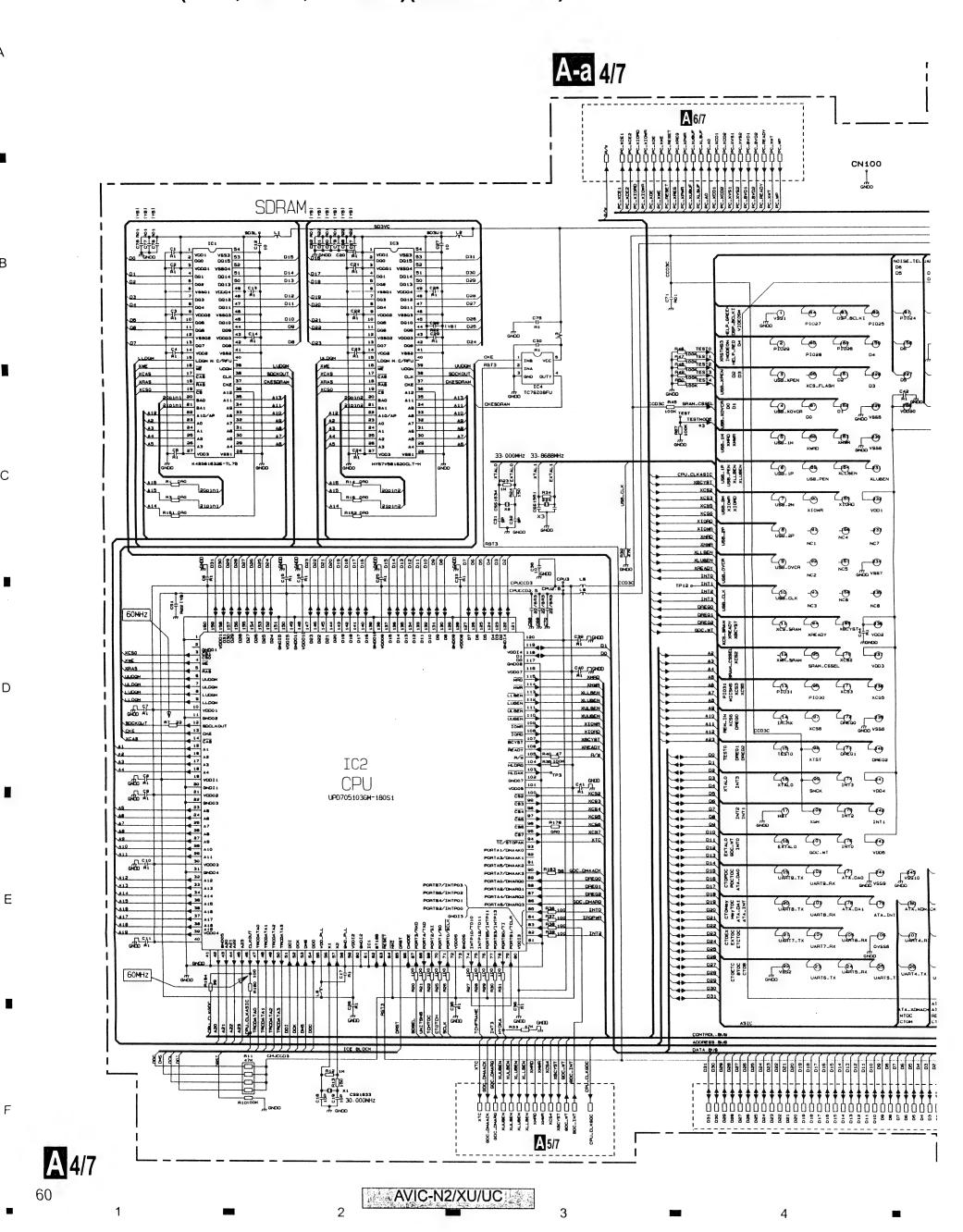


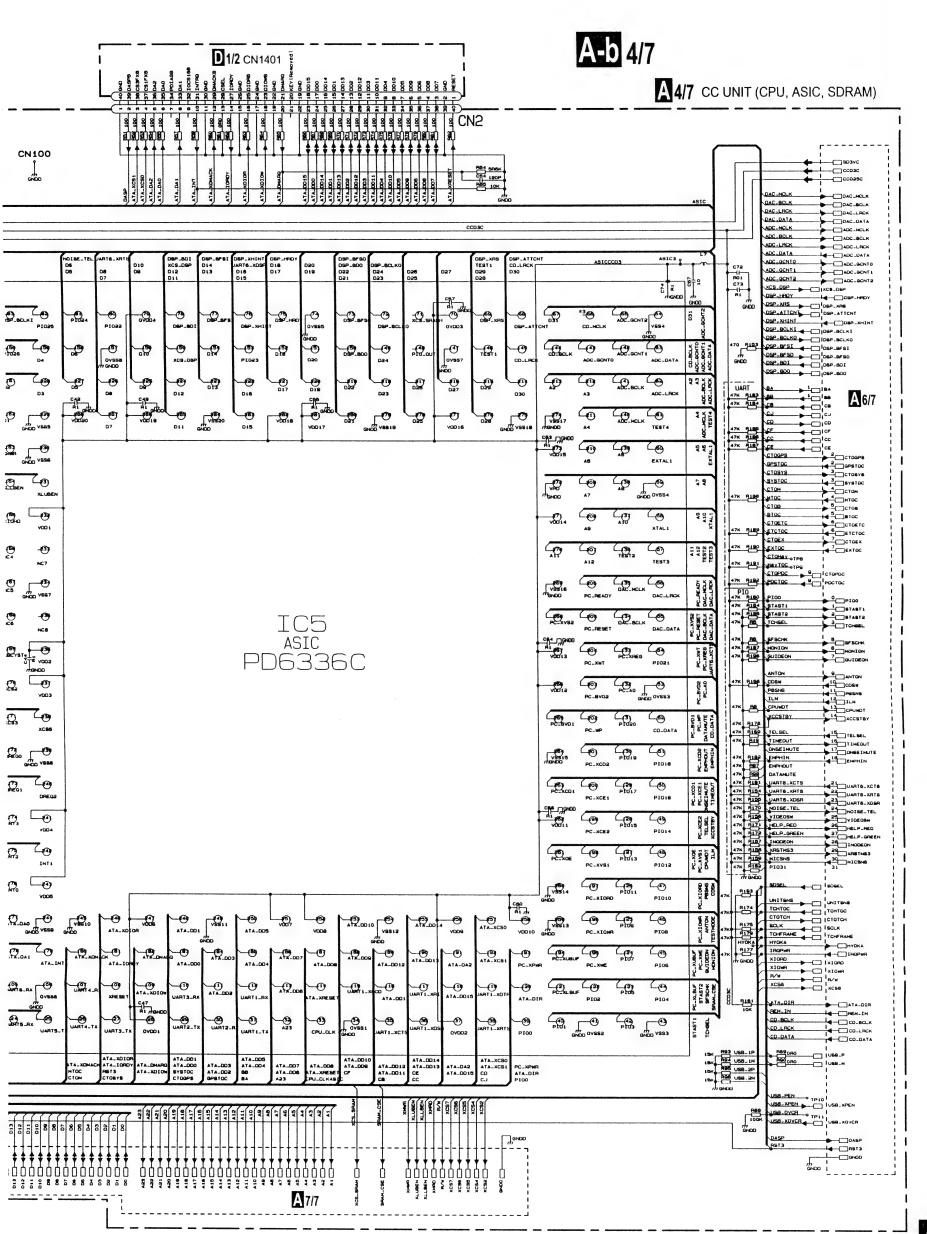
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3.6 CC UNIT (CPU, ASIC, SDRAM)(GUIDE PAGE)





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AVIC-N2/XU/UC

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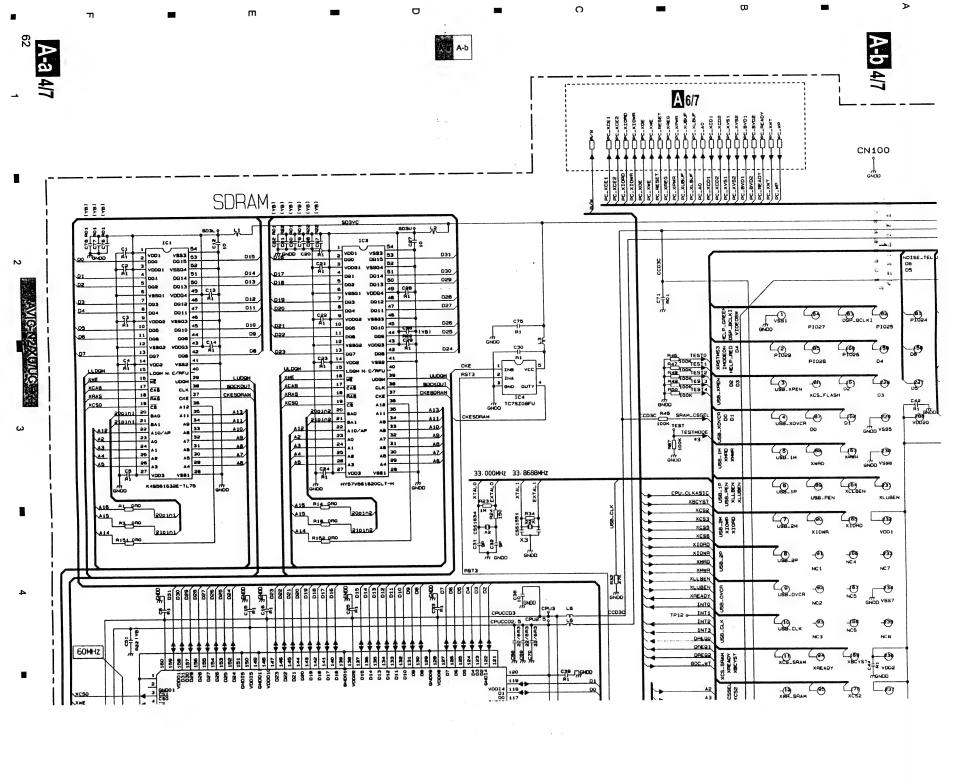
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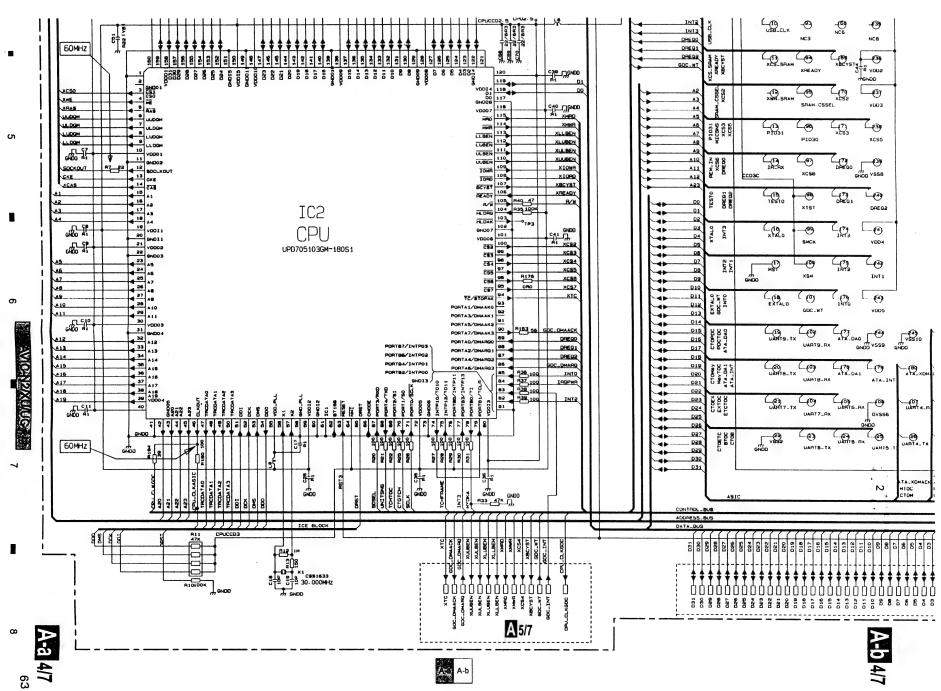
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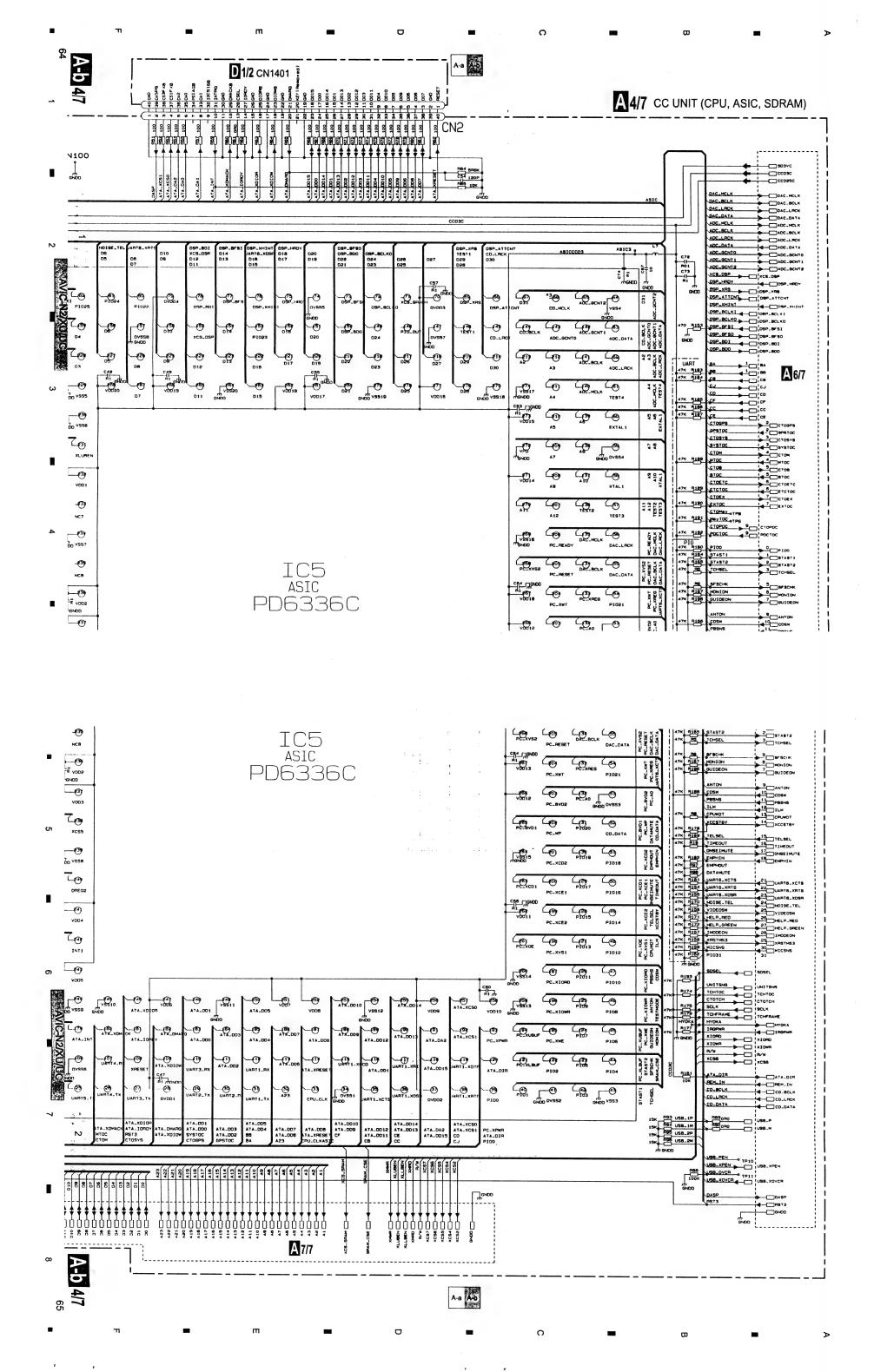
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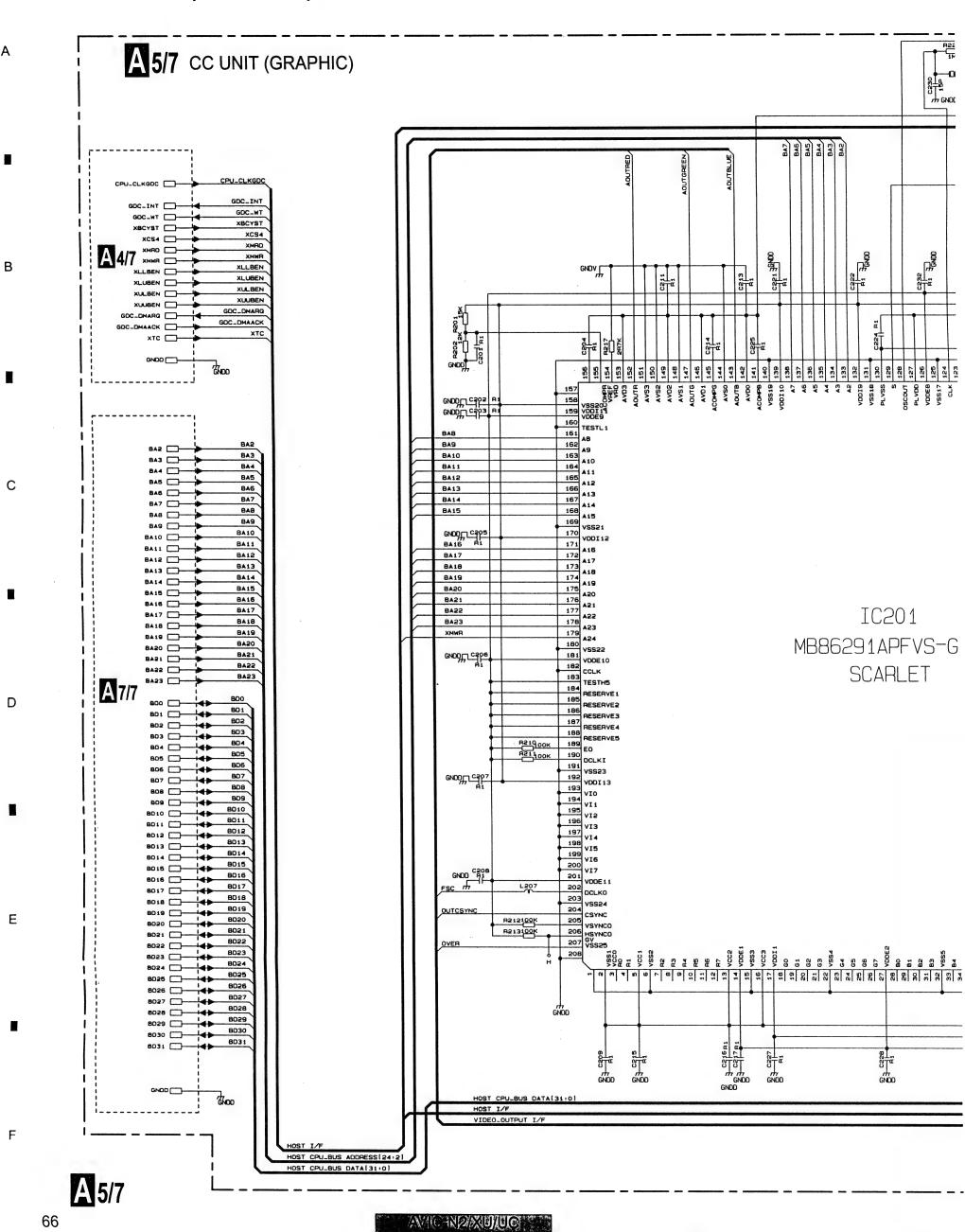


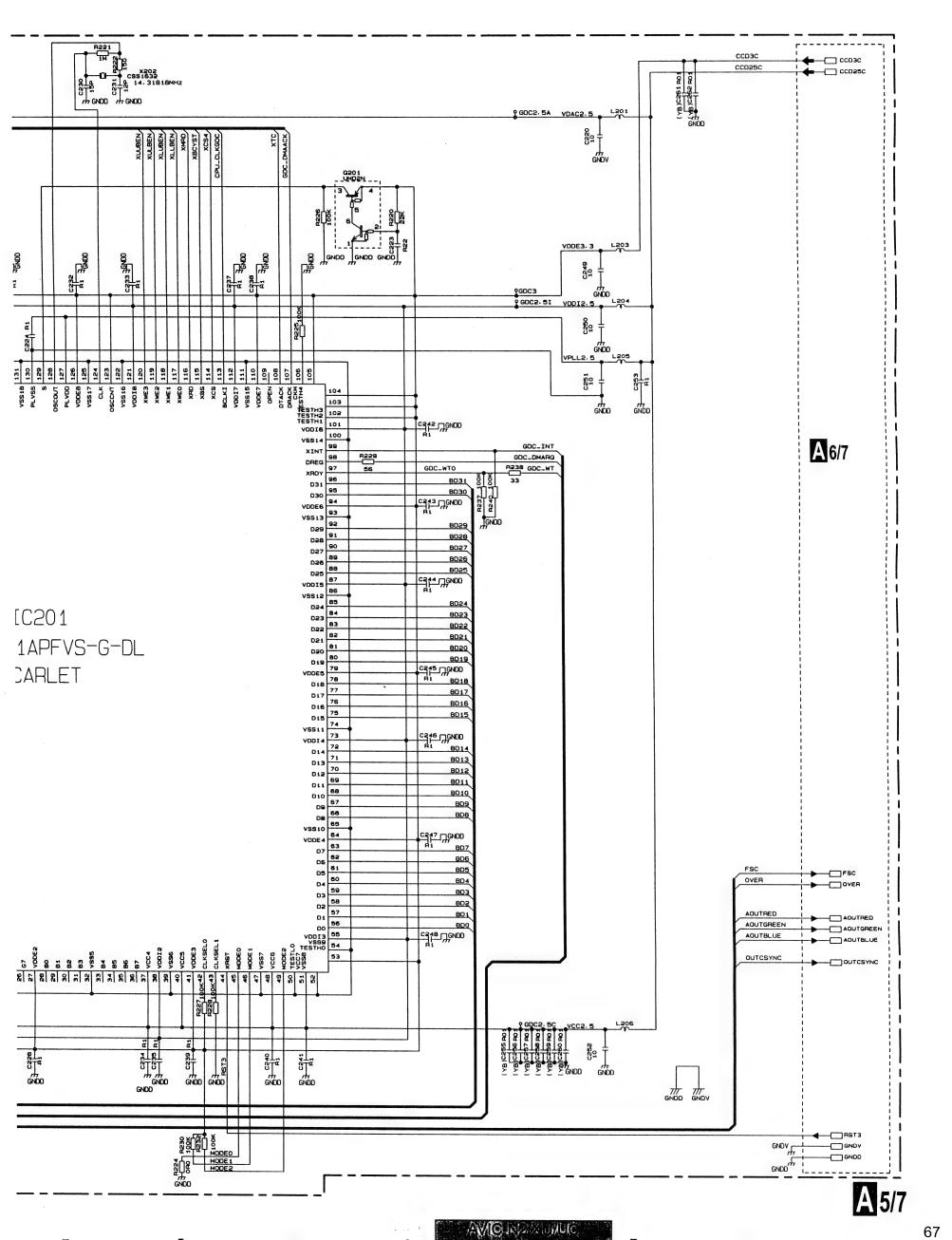




3.7 CC UNIT (GRAPHIC)

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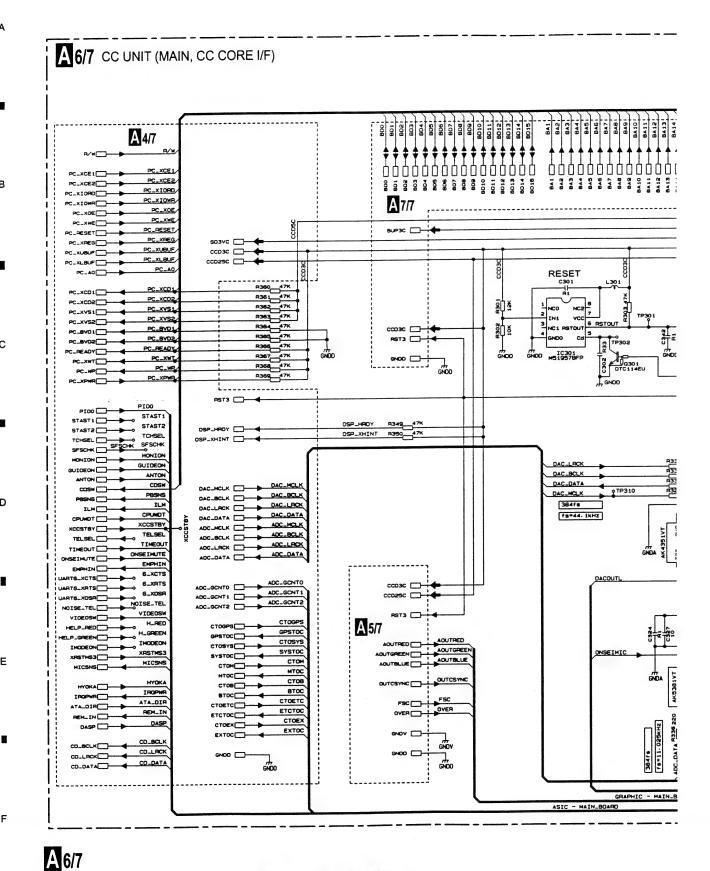
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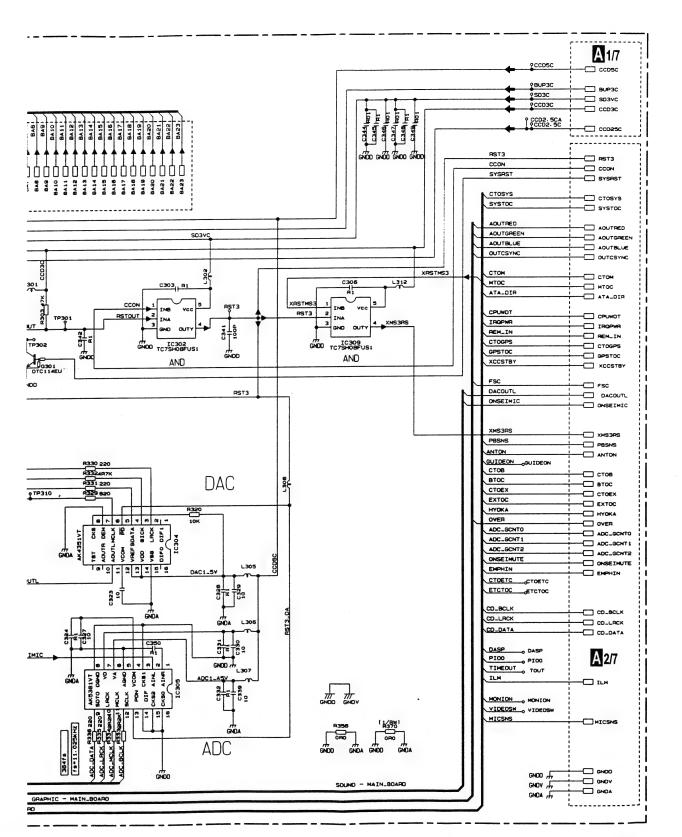
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3.8 CC UNIT (MAIN, CC CORE I/F)



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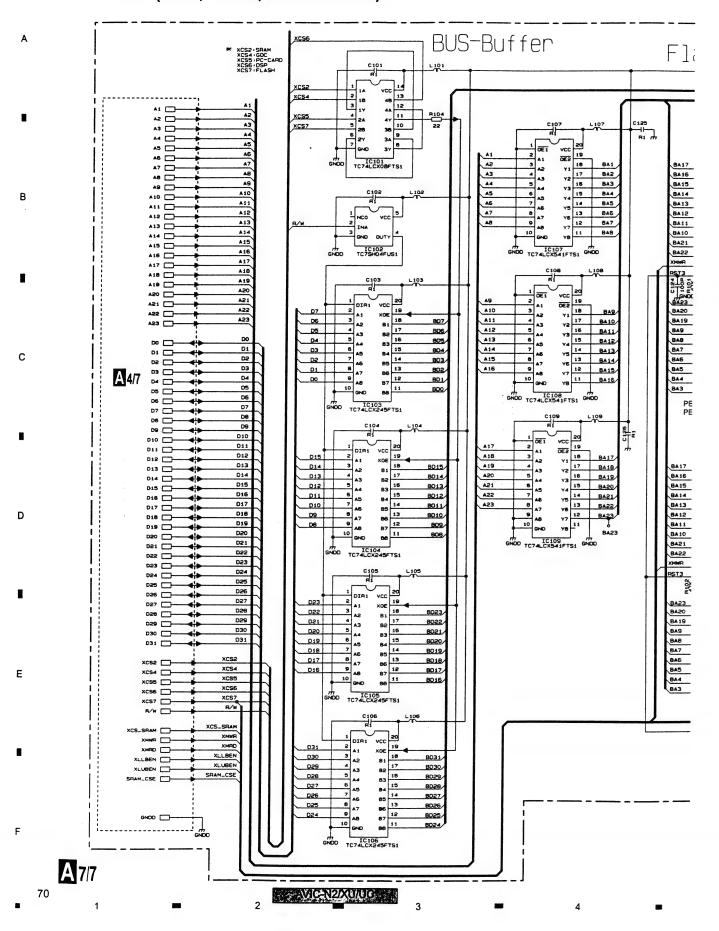
A 6/7

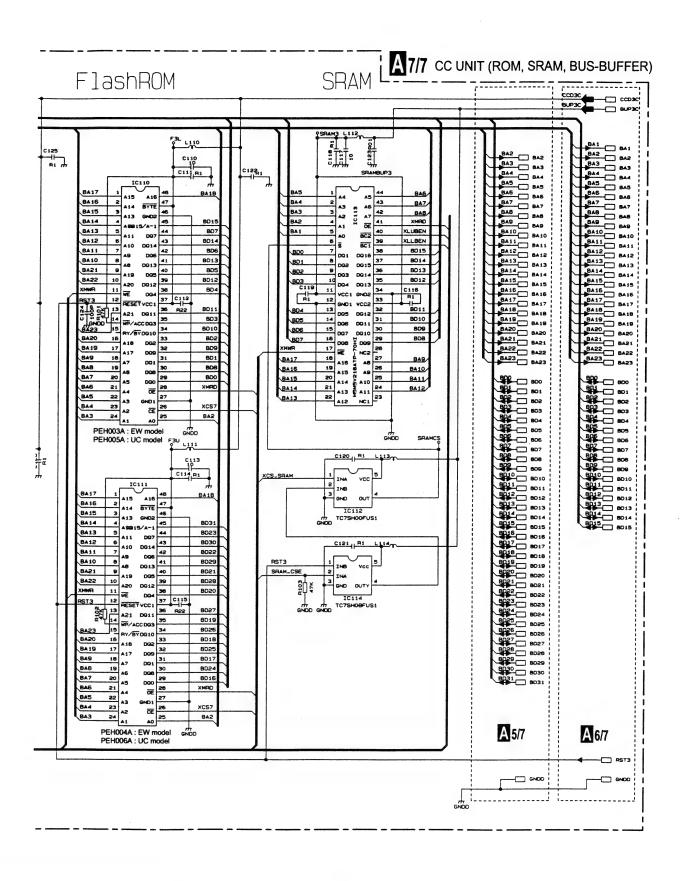
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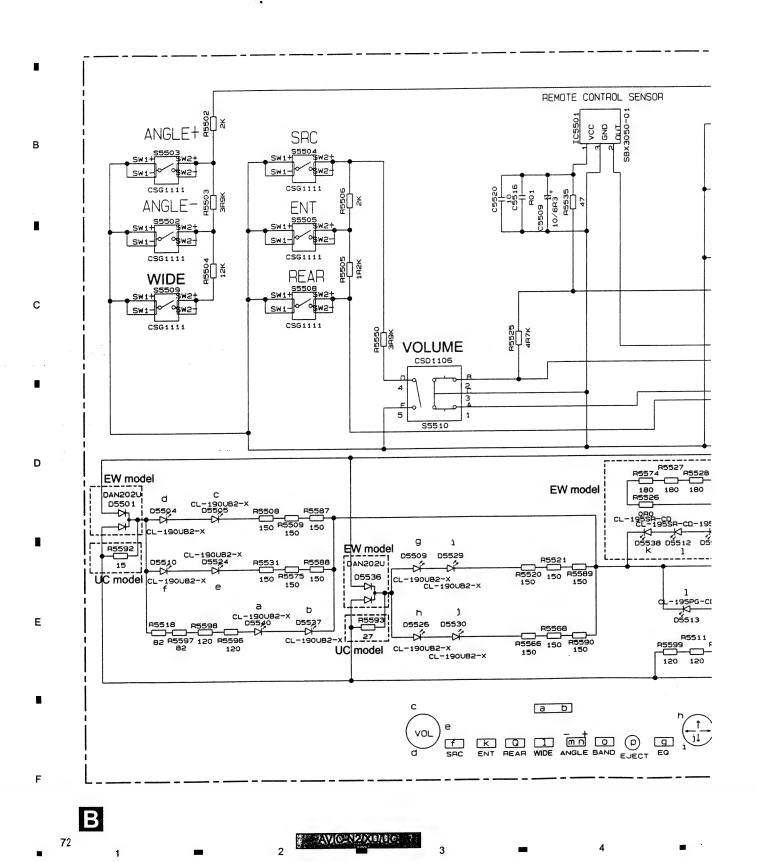
3.9 CC UNIT (ROM, SRAM, BUS-BUFFER)

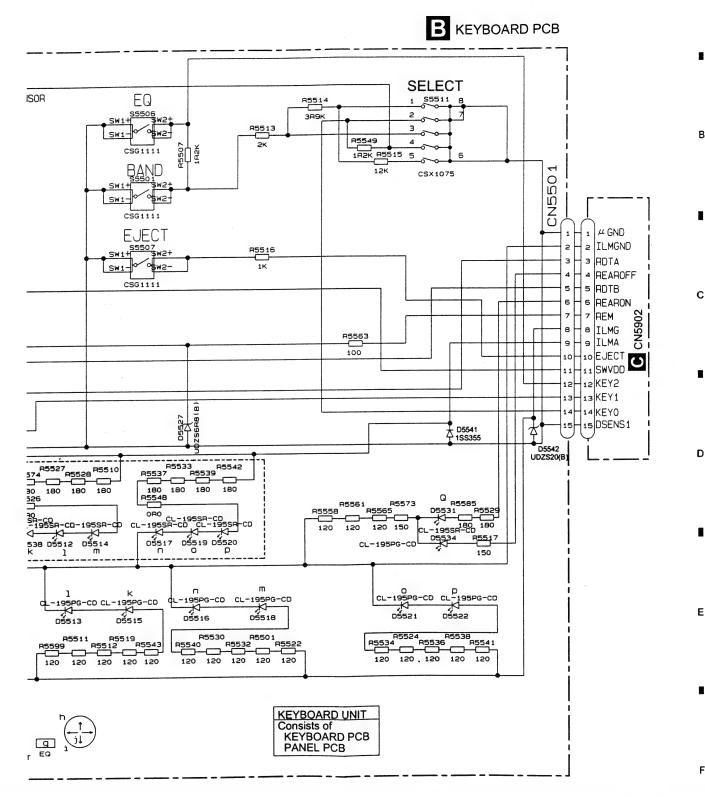




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AVIC-N2/XU/UG

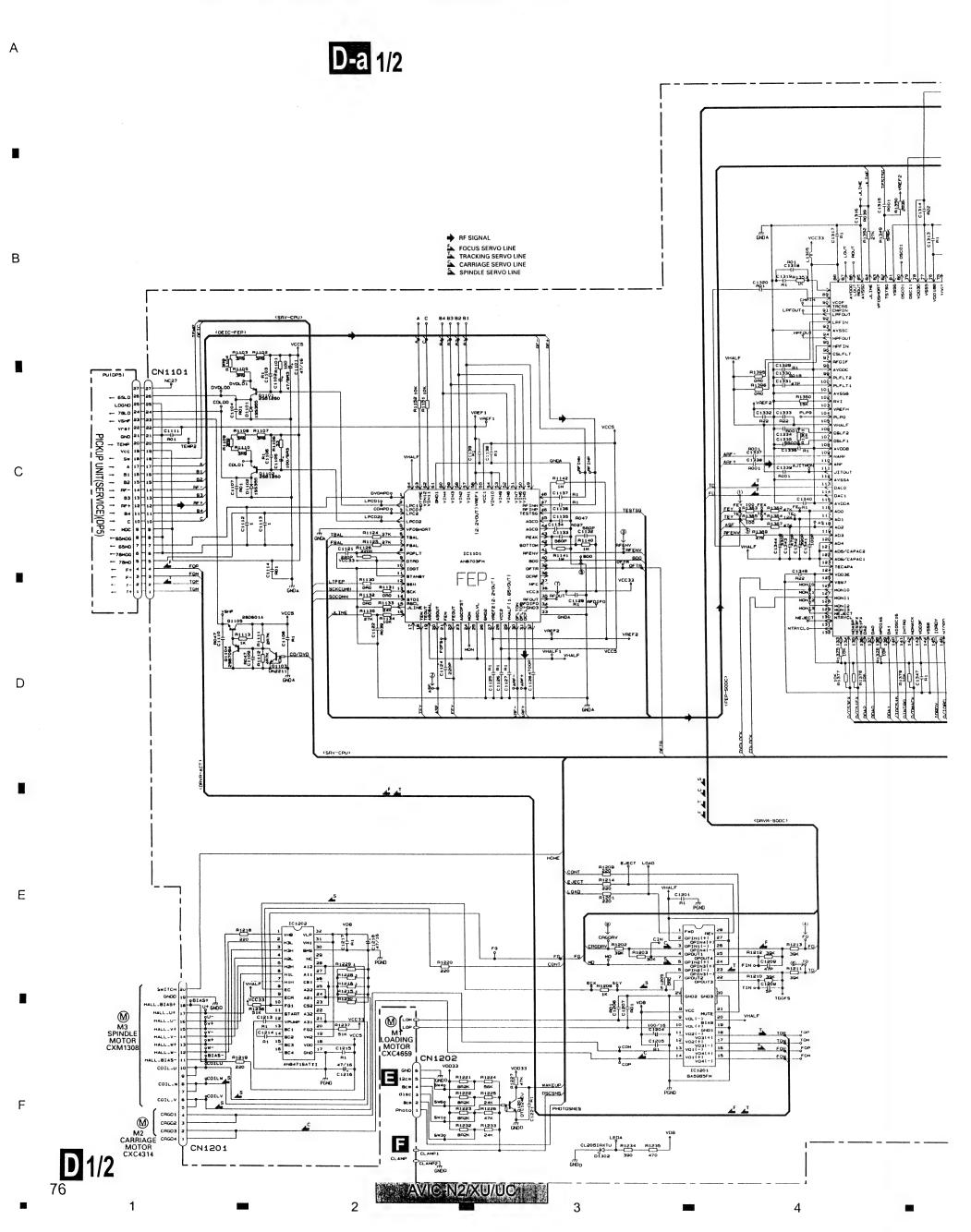




3.11 PANEL PCB

A2/7 CN2701 C PANEL PCB CN5901 csG1111 RESET CN5902 DSENS1 1 15 KEYO 2 4 12 KEYO 3 13 KEYO 3 13 KEYO 4 LOSOND 10 KEYO 4 LOSOND 10 KEYO 4 LOSOND 10 KEYO 10 KEYBOARD UNIT Consists of KEYBOARD PCB PANEL PCB B CN5501 C

3.12 DVD CORE UNIT(MS3)(SODC)(GUIDE PAGE)



Α D-b 1/2 **D**1/2 DVD CORE UNIT(MS3)(SODC) ODC-CPU I/F В Part Prints Prin +---E0 🗇 -----CSODC XCSODC XCSODC サーボ部-CPU I/F O XHO XHO XHO C1304 XQDCRES XOCCRES XOCCRE /INTO ONINTO /INTO
/INTO ONINTO /INTO
/INTO ONINTO /INTO
/INTO ONINTO /INTO **D**2/2 SCKCOHN SCKCOHN - SCKCOHN - SOCOHN - SOCOHN -- 1 A17 С 16 101301 A14 JA14 CA14 - OF TH - A13 SODC A11 OHOME I HOME LOAD -----EJECT - A5 OVDLOCK OVDLOCK DVDLOCK
COLOCK COLOCK COLOCK
HOTOSKES PHOTOSKES
HOBBLE MOBBLE WOBBLE (NTO VCC16 A3 ---D 2/2 D ATAPI I/F R1414 B2 NC HCS1 HCS0 HDA2 HDA0 NC ODC-ATA
ATA-ODC
TC74LCX245FT
IC1401 VCC33

TC74,CK2445T

TC1403

A1

TC74,CK2445T

TC1403

A1

TC74,CK2445T

A1

TC1403

A1

TC1403

A1

TC1403

A1

TC1403

A1

TC2403

T H0014 H0013 H0012 /DMAR HDD 11 HDQ 10 DAI **∠10**PD /CS1F Ε O/CS1FX A4/7 CN2 18 H0015
17 H0014
15 H0014
15 H0013
13 H002
14 H0013
10 H0011
9 H004
8 H0010
7 H005
0 H006
4 H008
3 H007
2 GN08
1 H4IS1 HD014 HD011 HDD10 DMASTER **D**2/2 CN1401 \$107 → \$105 → \$105 → QHQD15 0+0014 0H0010 0H0011 **D** 1/2 AVIC-N2/XU/UC

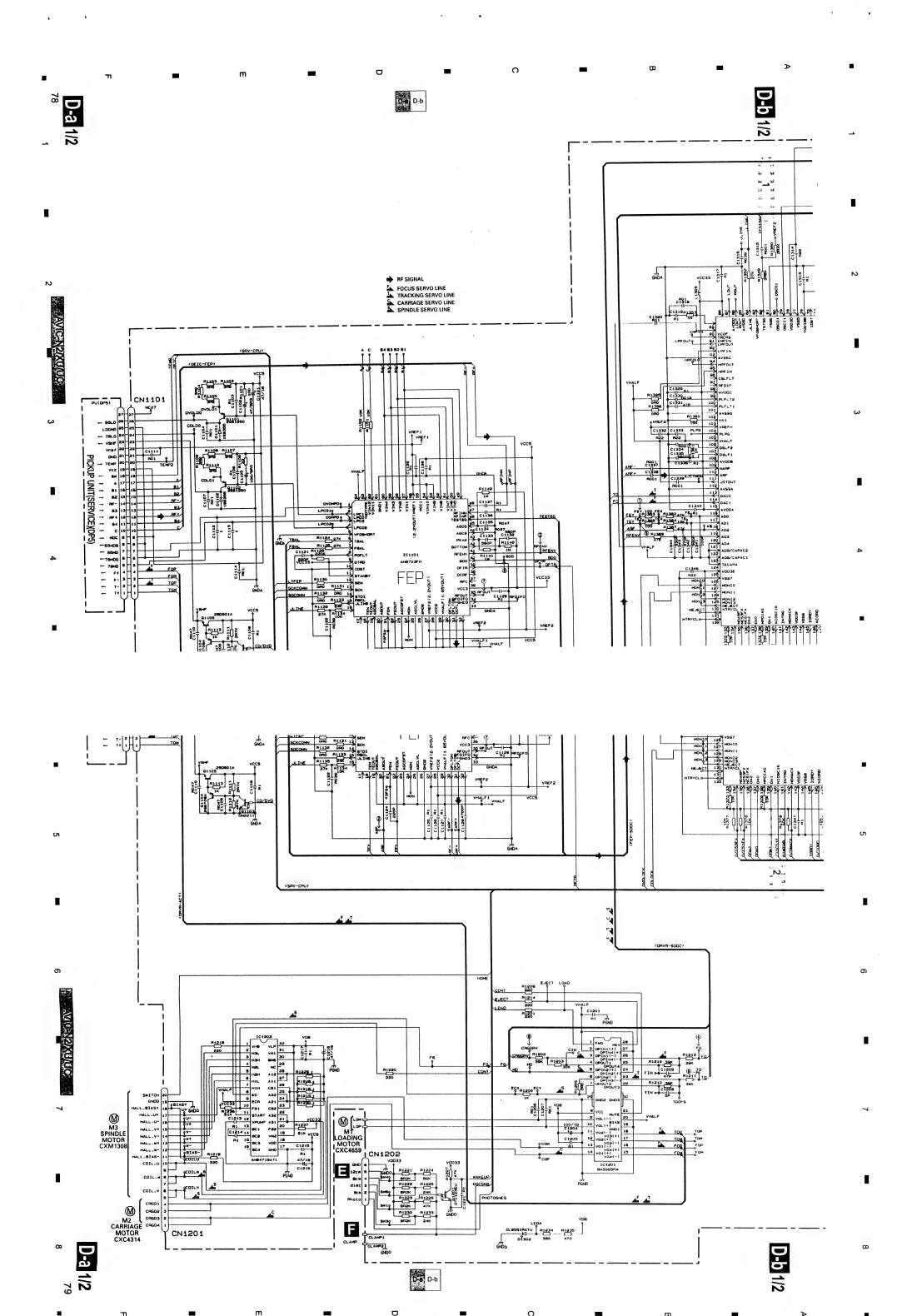
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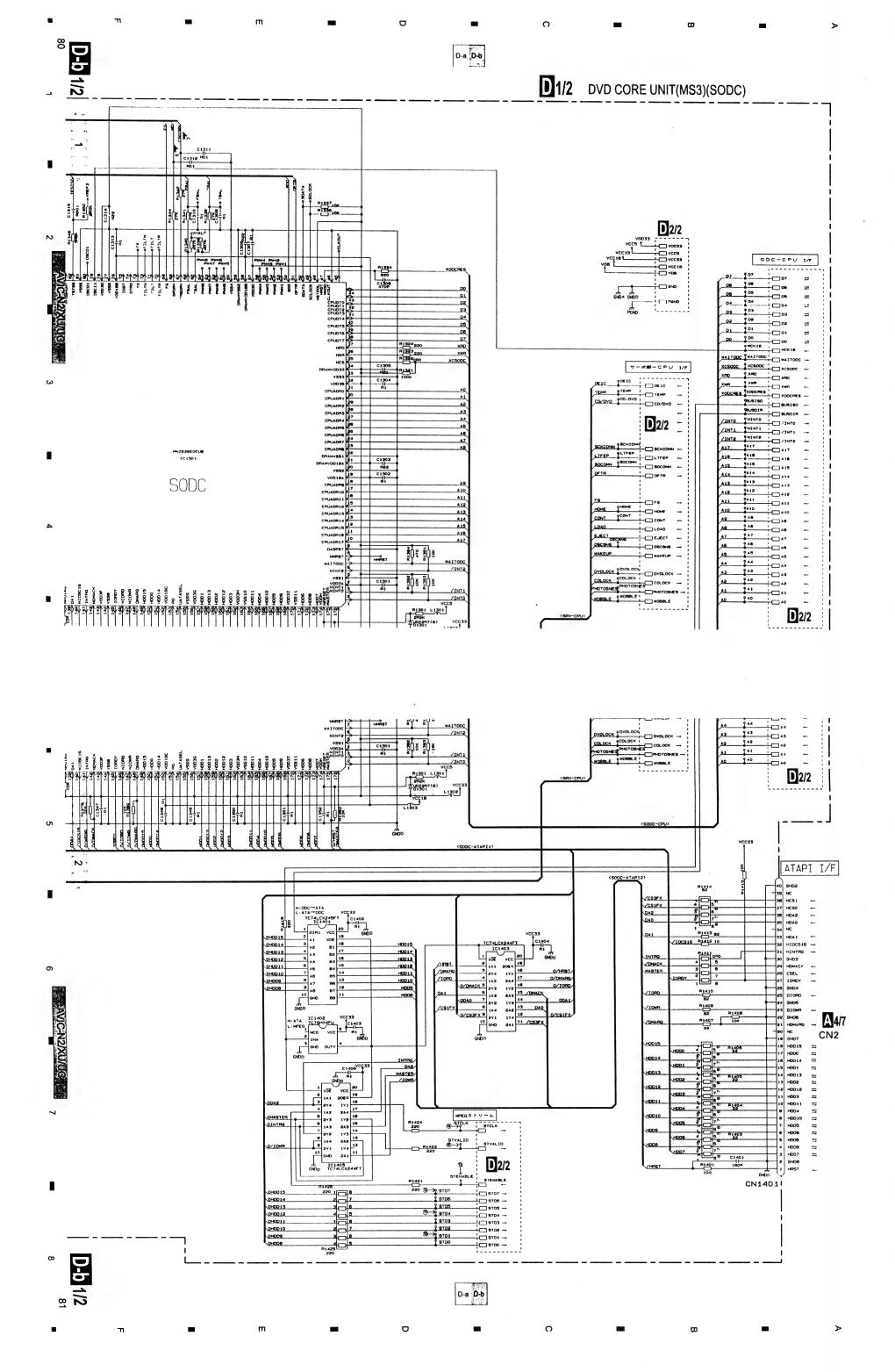
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3.13 DVD CORE UNIT(MS3)(CPU)(GUIDE PAGE)

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D-a 2/2 VCC18_2 VCC18_1 VCC18 **D**1/2 - A17 | - A16 | - A15 | - A14 D 1/2 - A13 -P1804 VCON -- A10 --- 49 -R1805 VCON 81742 478 D 1/2 D 1/2 XOOCRES -PD6474B BUSDIR /INTE R1763 C1702 VSS VDO XLWR XUMR XHD 1 CD/DVD S LOAD E JECT 1 PE5395B CONT 31 CONT OFIC 200 32 OFIC XAMPLES 34 AMPLES 34 1172 - 12711 1172 - 1771 1172 I R D 2/2 AMC-N2/XU/UG : F

D-b 2/2 D2/2 DVD CORE UNIT(MS3)(CPU) CN1603 **A2/7** CN607 VCONTB EMPH VCONTA XRES IROPWR HSTCMO **D**1/2 CN2551 AV CHIP D1/2 MPEG ストリーム CLKOUT 1-CLKOUT TP XWR1=F/P D椰子 回路 1 でTAGWR生成 D 2/2 TAVICENPAXUJUJO 5 6

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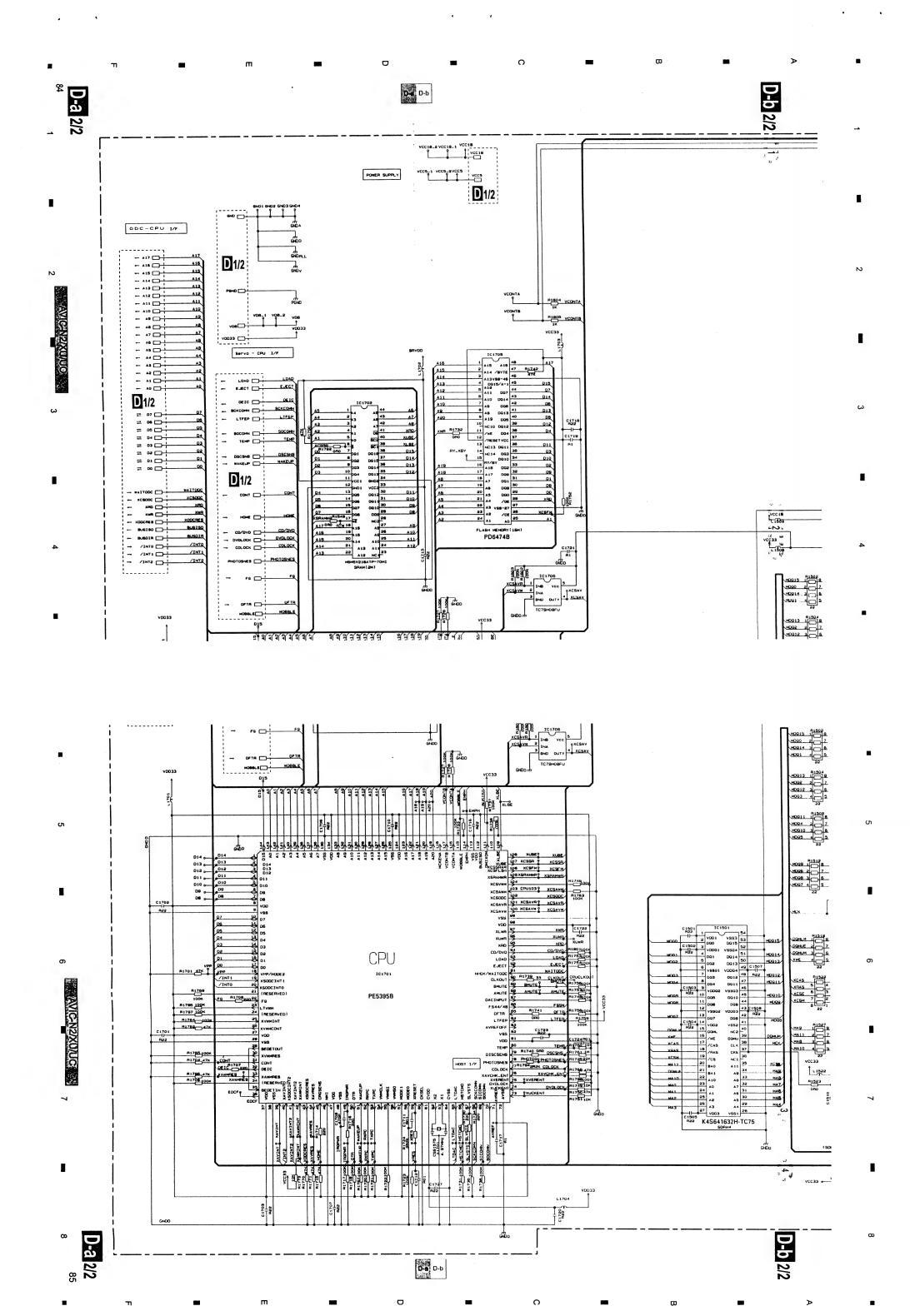
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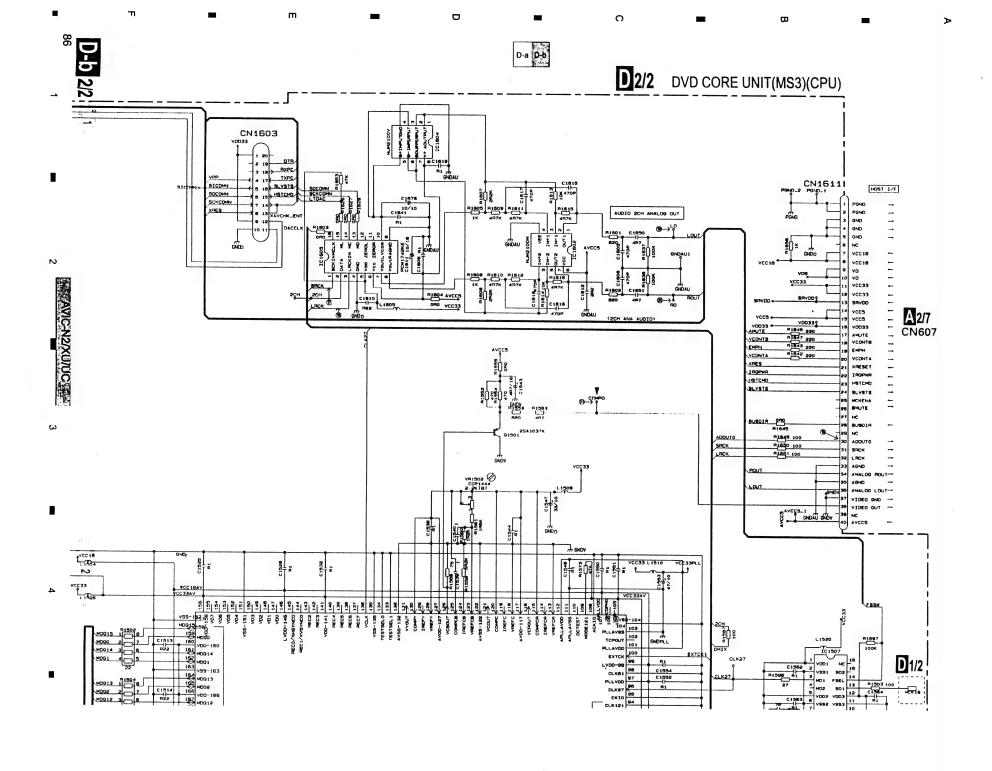
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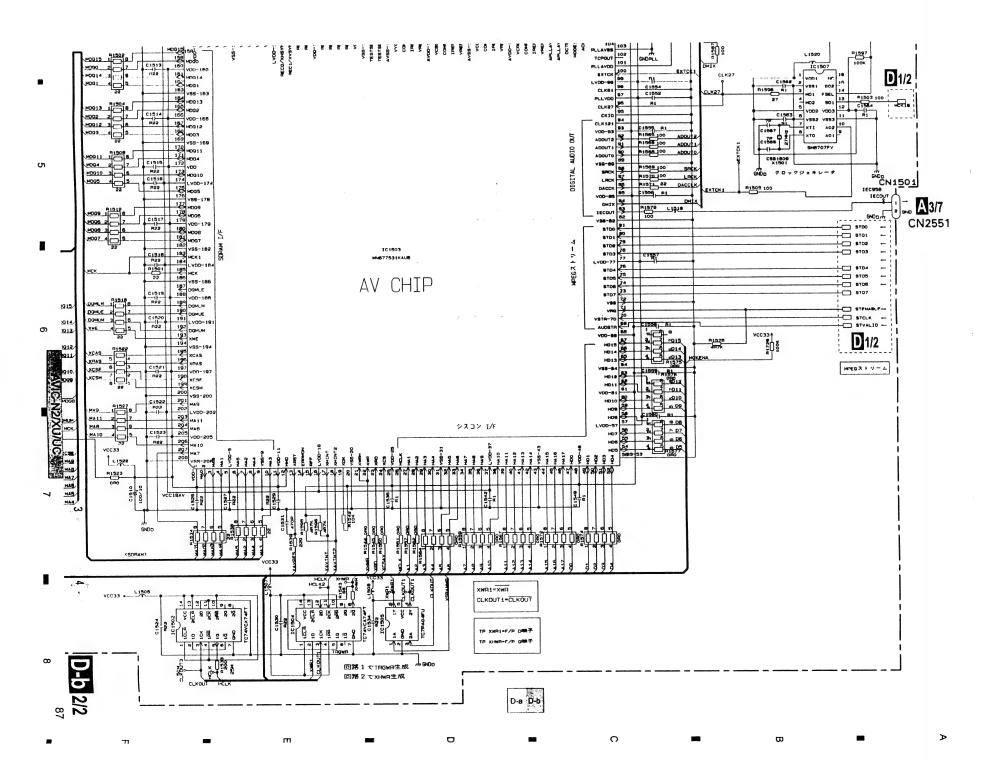
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10 CH1: STD1 ⑤ CH1: TEY ④ CH1: FD 1V/div. 100μs/div. 500mV/div.1s/div. ① CH2: STD4 5V/div. 2µs/div. ① CH2: FEY 500mV/div. 100μs/div. ⑥ CH2: TD 1 CH3: STD7 EDC1 mode set up(DVD) Black dot [®] CH4: STENABLE G _ LULUTURANIANIA VHALF-VHALF-® CH1: ADOUT0 1 CH1: STCLK CH1: STCLK @ CH2: SRCK ® CH2: STVALID 5V/div. 2μs/div. ® CH2: STVALID 5V/div. 50μs/div. 2V/div. 2μs/div. ® CH3: LRCK **13** CH3: STENABLE **3** CH3: STENABLE 19 CH1: LO 20 CH1: COMPO 200mV/div. 10µs/div. 1V/div. 500µs/div. [White 100% output] G→

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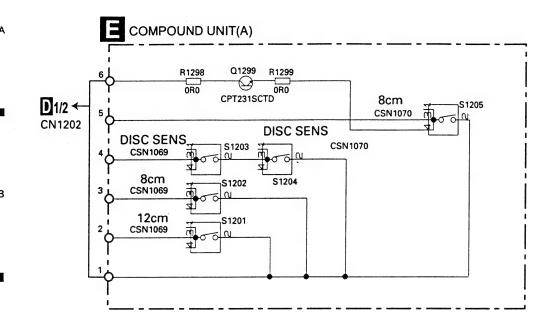
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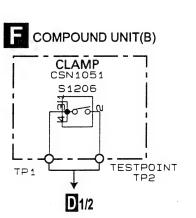
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Note:1. The encircled number denote measuring pointes in the circuit diagram. Waveforms 2. Reference voltage VHALF: 1.65V © CH1: ASF 3 CH2: RFENV 200ms/div. 1ms/div. ① CH1: FEY 500mV/div. 1ms/div. 500mV/div. 1ms/div. ① FEY 4 CH2: FD 1V/div. 1ms/div. Focus search Focus search Focus close VHALF→ VHALE VHALE-© Cri : ASF 200mV/div. 2ms/div. 3 CH1: RFENV ⑤ CH1: TEY 500mV/div. 1ms/div. ⑤ CH1: TEY 500mV/div. 1ms/div. Focus close(DVD) Focus close(CD) Focus close VHALF→ VHALF-⑤ CH1: TEY ⑦ CH1: RFOUT 0.1V/div. 0.1μs/div. ① CH1: FEY 500mV/div.20ms/div. 500mV/div.20ms/div. 4 CH2: FD ⑥ CH2: TD Play(DVD surroundings on inside) Play Play VHALF→ VHALF→ (5) CH1: TEY 500mV/div. 100ms/div. (8) CH2: CRGDRV ⑦ CH1: RFOUT 200 mV/div. 100 μs/div. ⑦ CH1: RFOUT 0.1V/div. 0.2μs/div. ⑨ CH2: BDO 2V/div. 100μs/div. Play(CD) Surroundings on inside-> Black dot surroundings on outside

VHALF-VHALF-VHALF→

3.14 COMPOUND UNIT(A) AND COMPOUND UNIT(B)

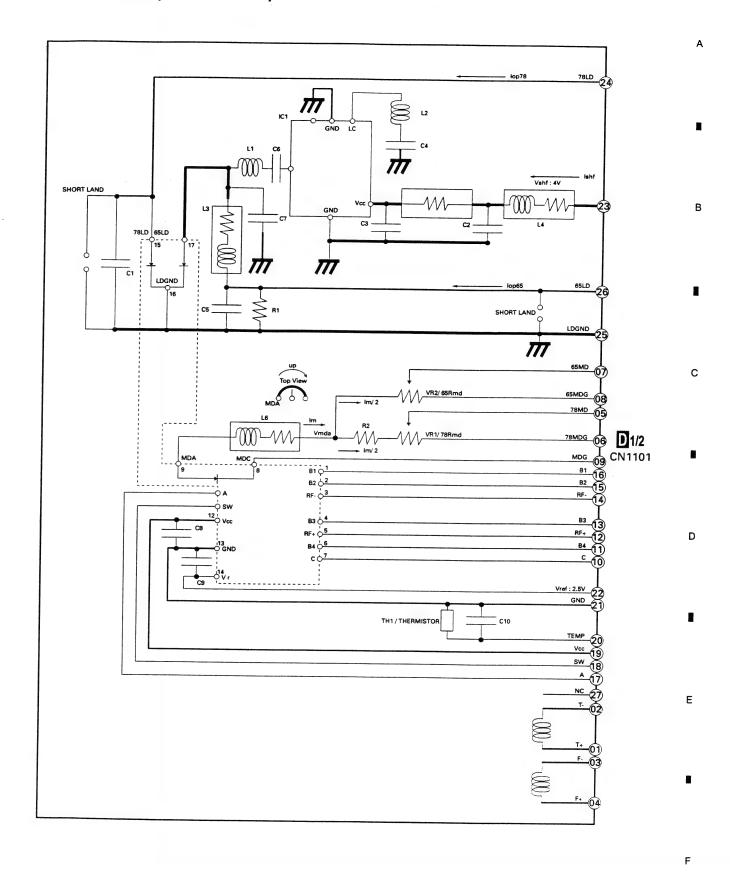




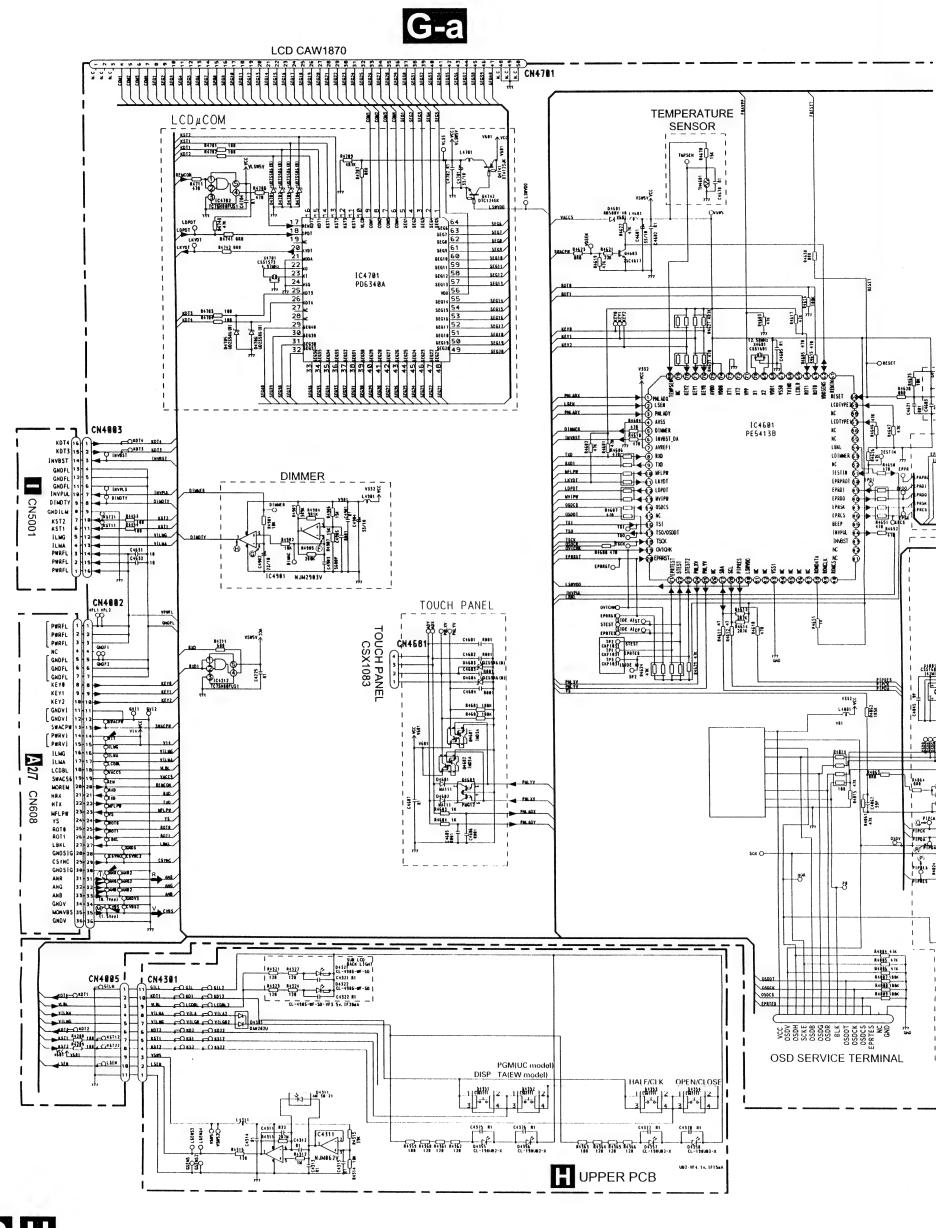
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AVIC-N2/XU/UC

3.15 PU UNIT(REFERENCE)



3.16 MONITOR PCB AND UPPER PCB(GUIDE PAGE)



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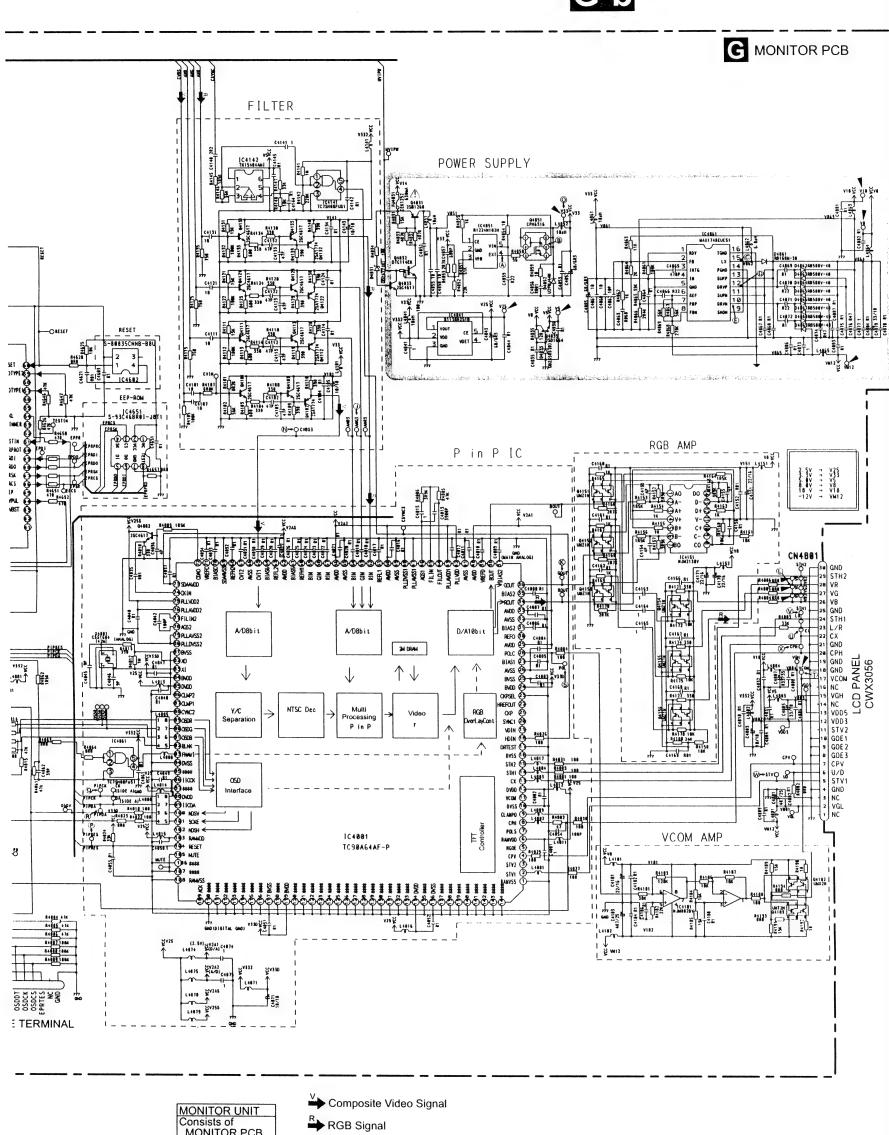
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AVIC-N2/XU/UC



MONITOR UNIT Consists of MONITOR PCB UPPER PCB INVERTER PCB

AVIC-N2/XU/UC

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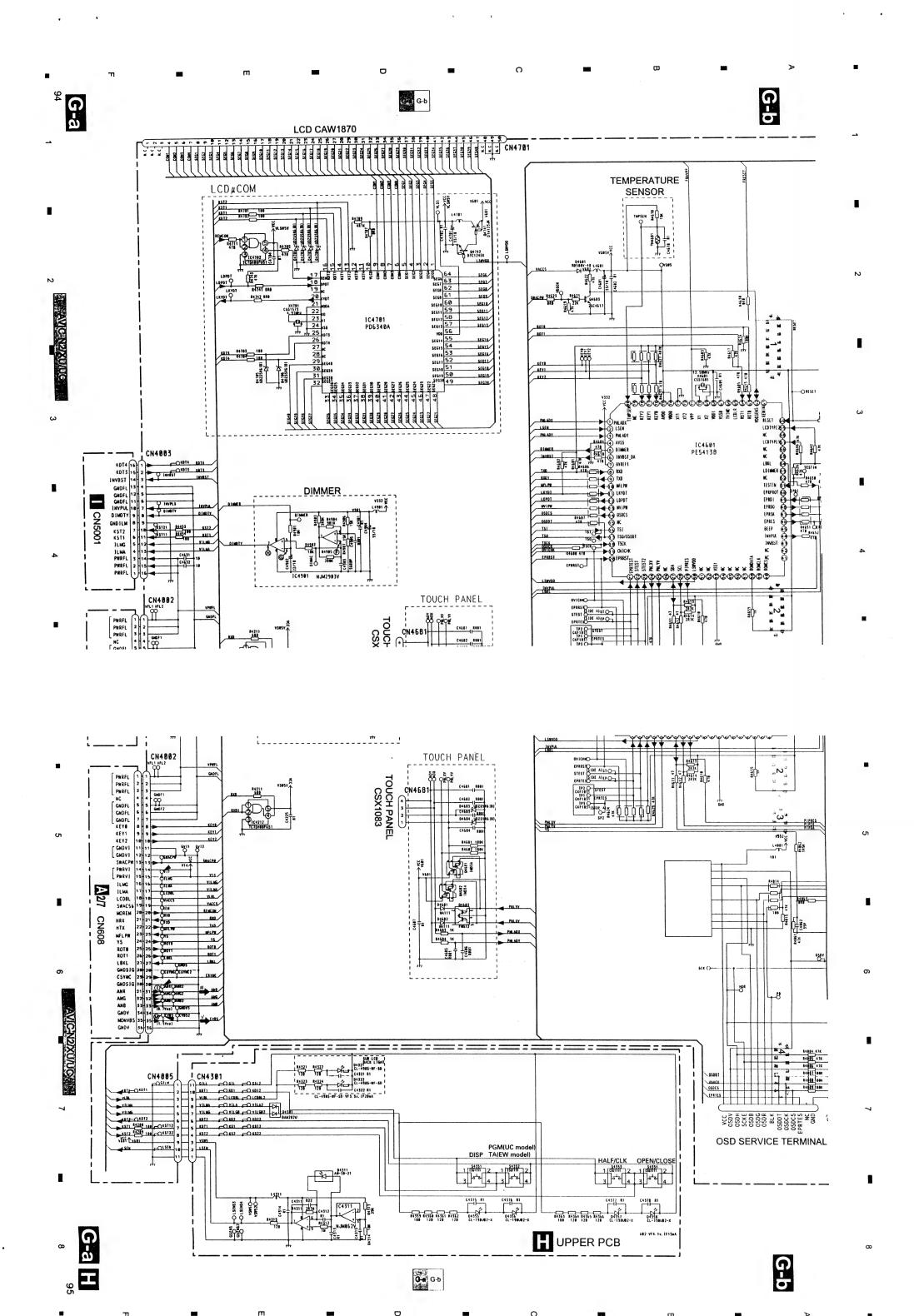
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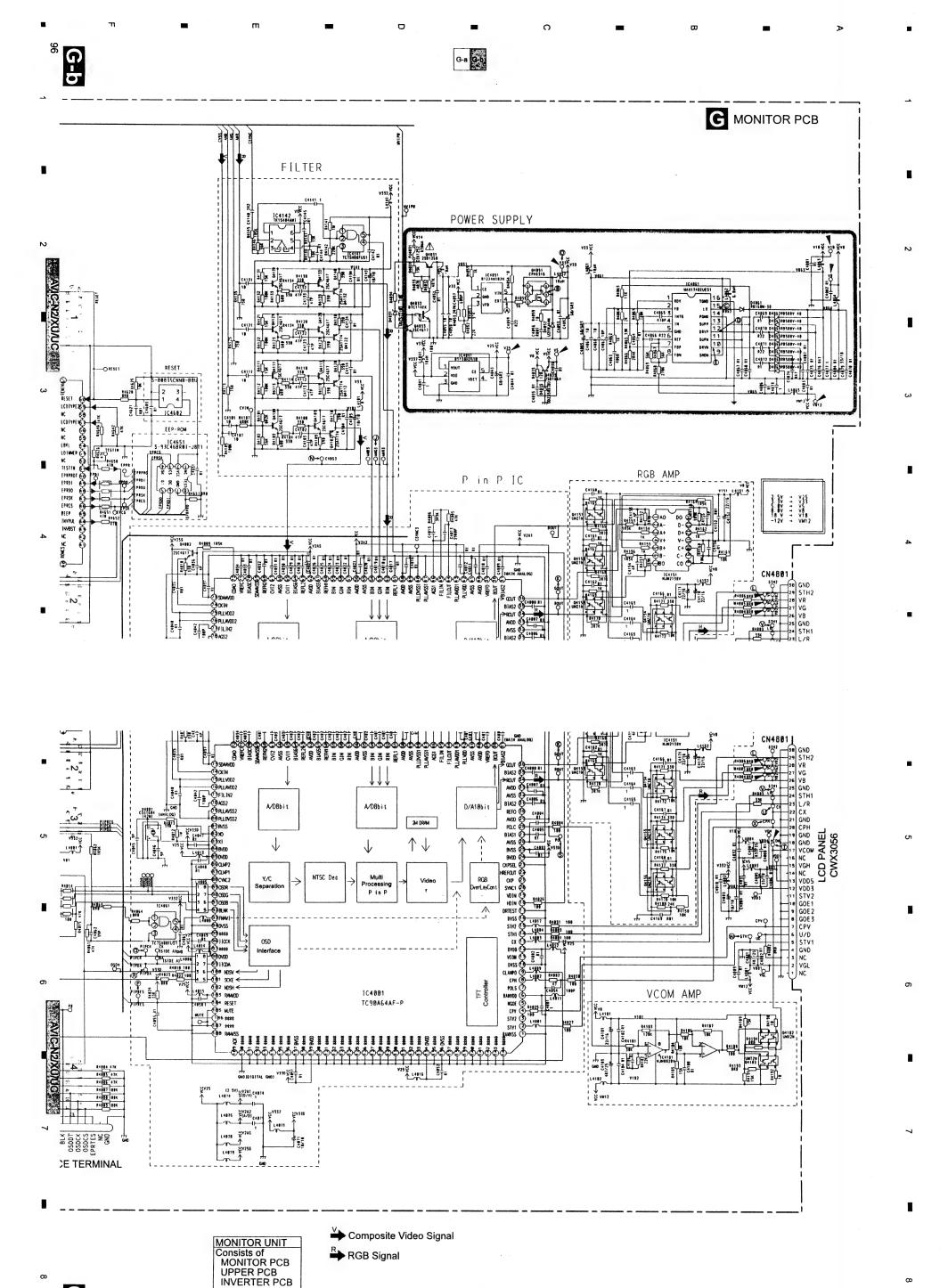
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G-b

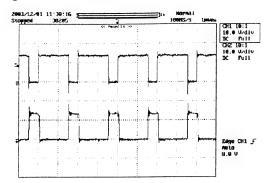
G-a G-b

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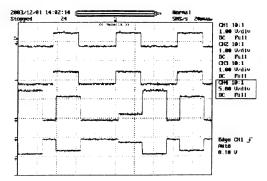
Waveforms

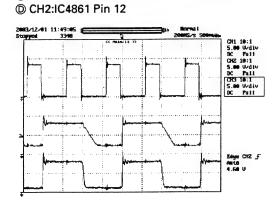
The encircled number denote measuring pointes in the circuit diagram.

A CH1:IC4851 Pin 4B CH2:Q4851 Pin 5

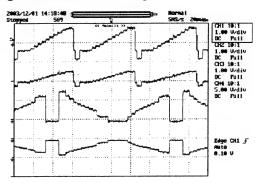


• INPUT : Color bar signal



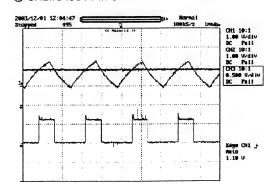


• INPUT: 10STEP VTR IN

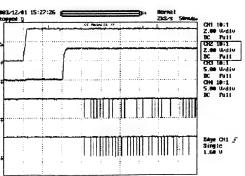


© CH1:IC4901 Pin 2 ⊕ CH3:IC4901 Pin 7 © CH2:IC4901 Pin 6

Е



© CH1:V33 P CH2:PIPRES © CH3:PIPCK ® CH4:PIPDA



AVIC N2IXU/U

© CH1:V33
© CH3:PIPCK
® CH4:PIPDA

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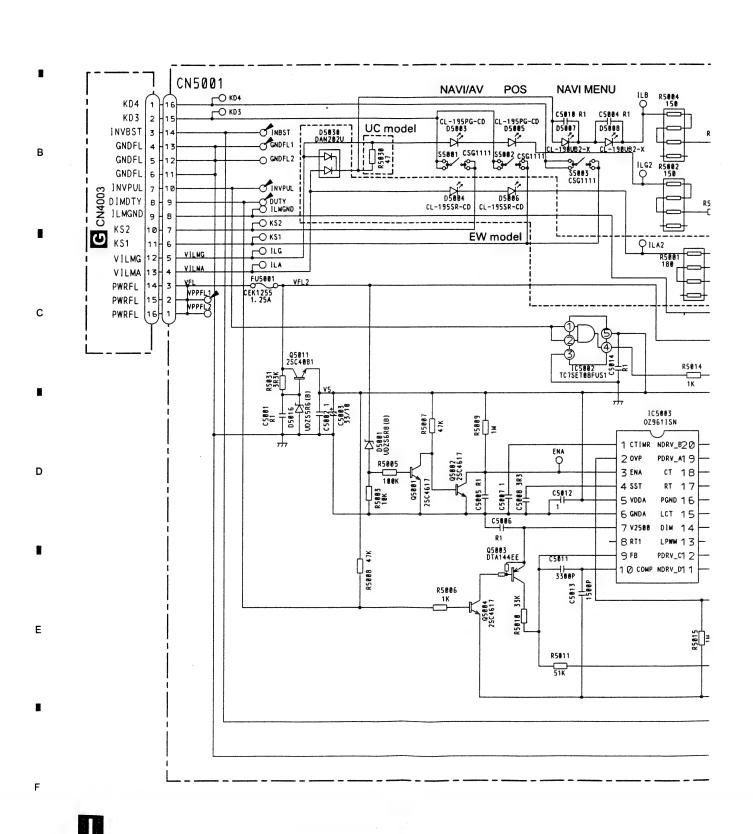
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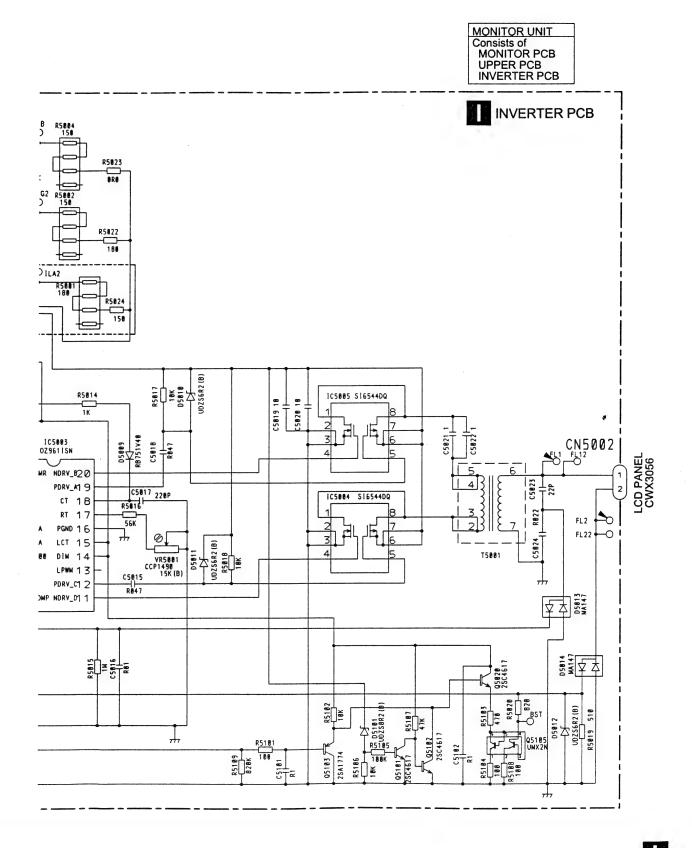
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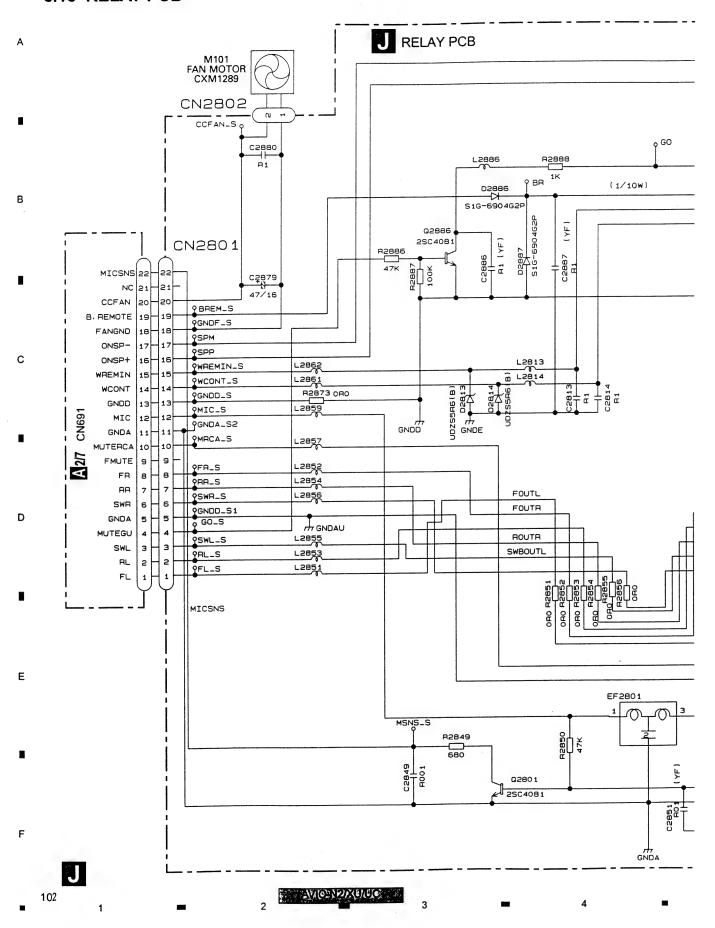
6 NICENTATION !

3.17 INVERTER PCB





3.18 RELAY PCB

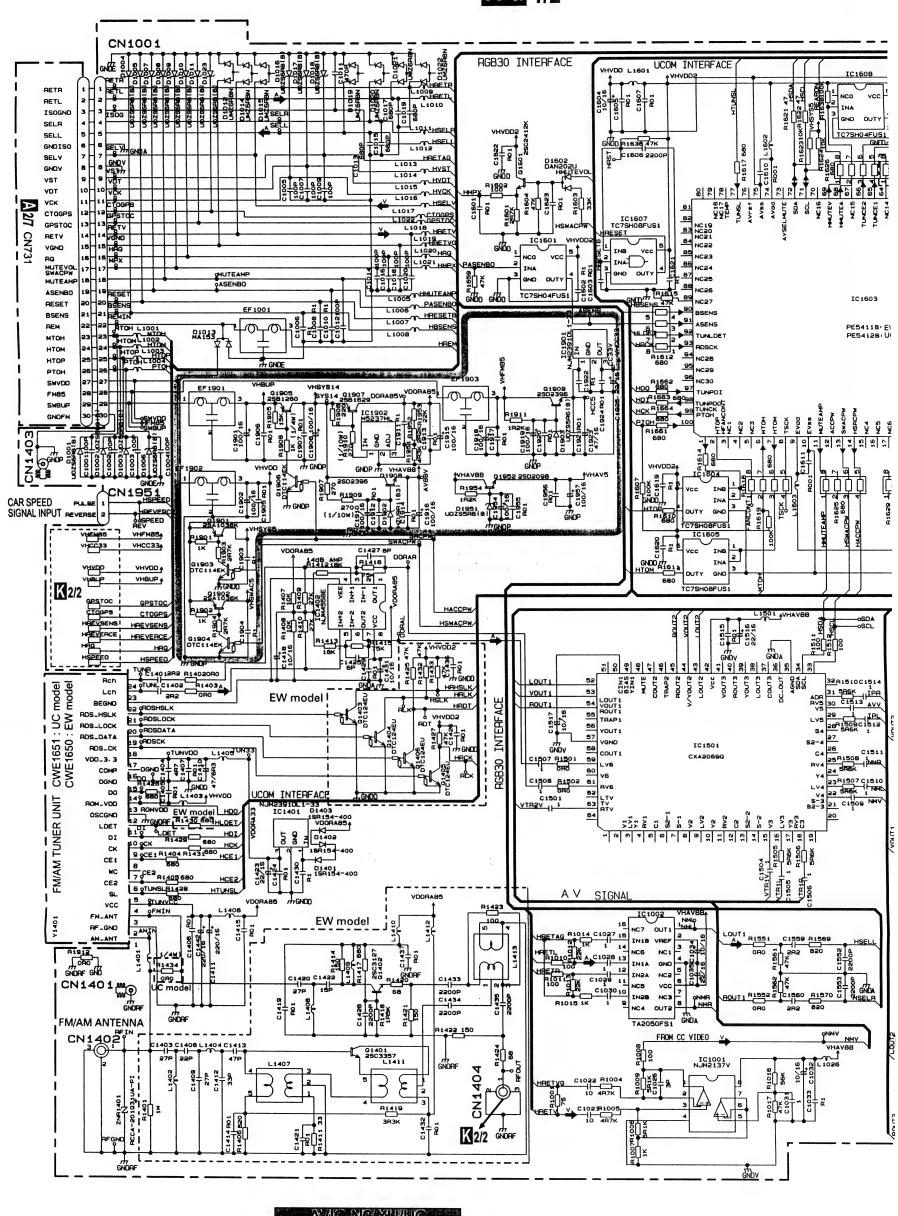


CN2804 L2812 SPP_29 400 L2811 C2831 10/16 GNDD 02832 DTC323TU I So MIC F -20 MIC GND L2832 c2832 10/16 L2833 R2837 82 18 GUIDEON 02833 01032314 17 MIC R 16 WREM GND 15 WREM AN .⊿ WREM SEL 02844 DTC323TU 13 BREM 12 FR GND L2834 11 FR R2838 82 H2843 B2 L2835 SWL 10 FL GND 9 FL FR D B RR GND RL AA RB C2836 RR 6 RL GND 10/16 +N SWR C2844 10/16 4 PRE R GND з PRE R 2 RRE L GND L2836 1 PRE L GNDAU Ε MOTHER TUNER UNIT
Consists of
RELAY PCB MOTHER PCB CONNECTOR PCB 103

3.19 MOTHER PCB (H/A SYSTEM)(GUIDE PAGE)

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K-a 1/2



K 1/2

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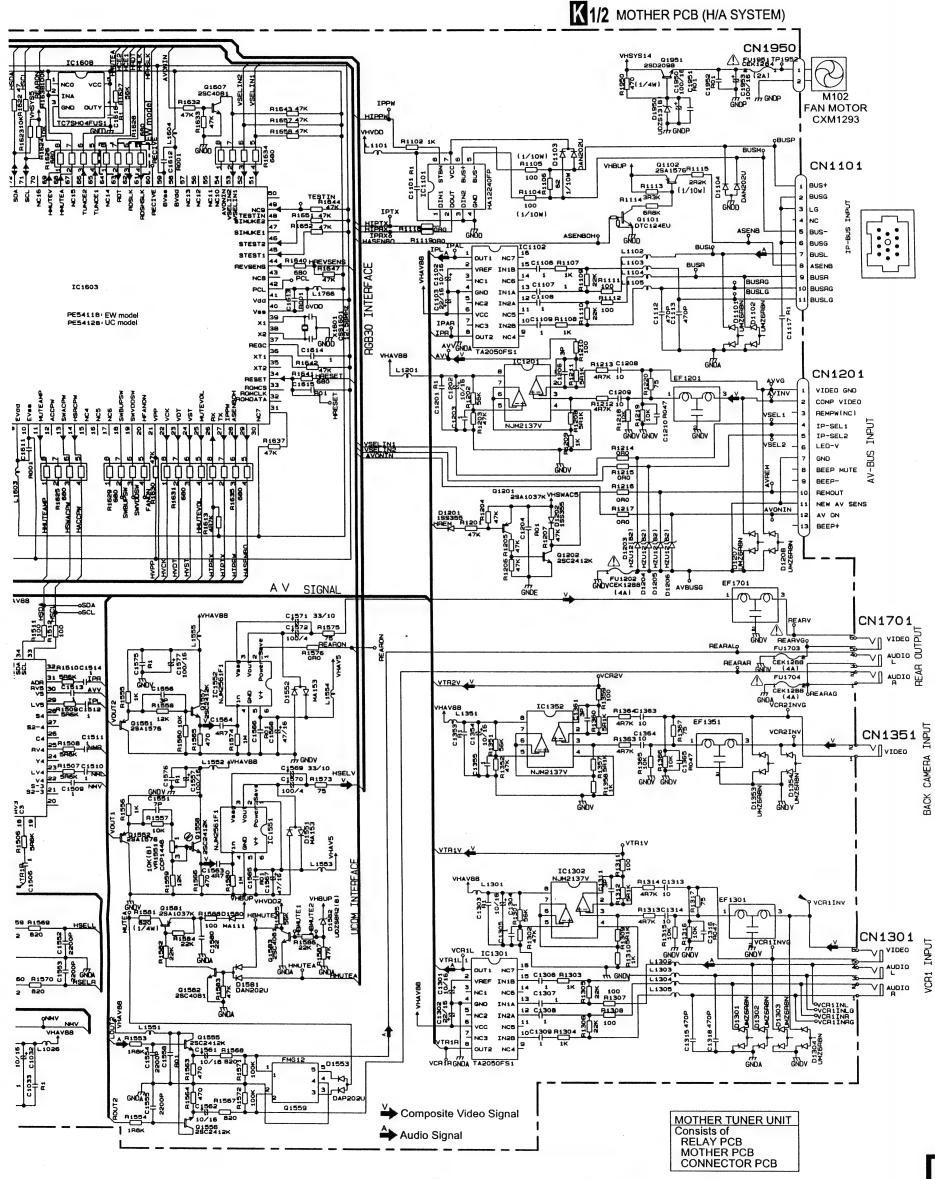
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K-b 1/2



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K 1/2

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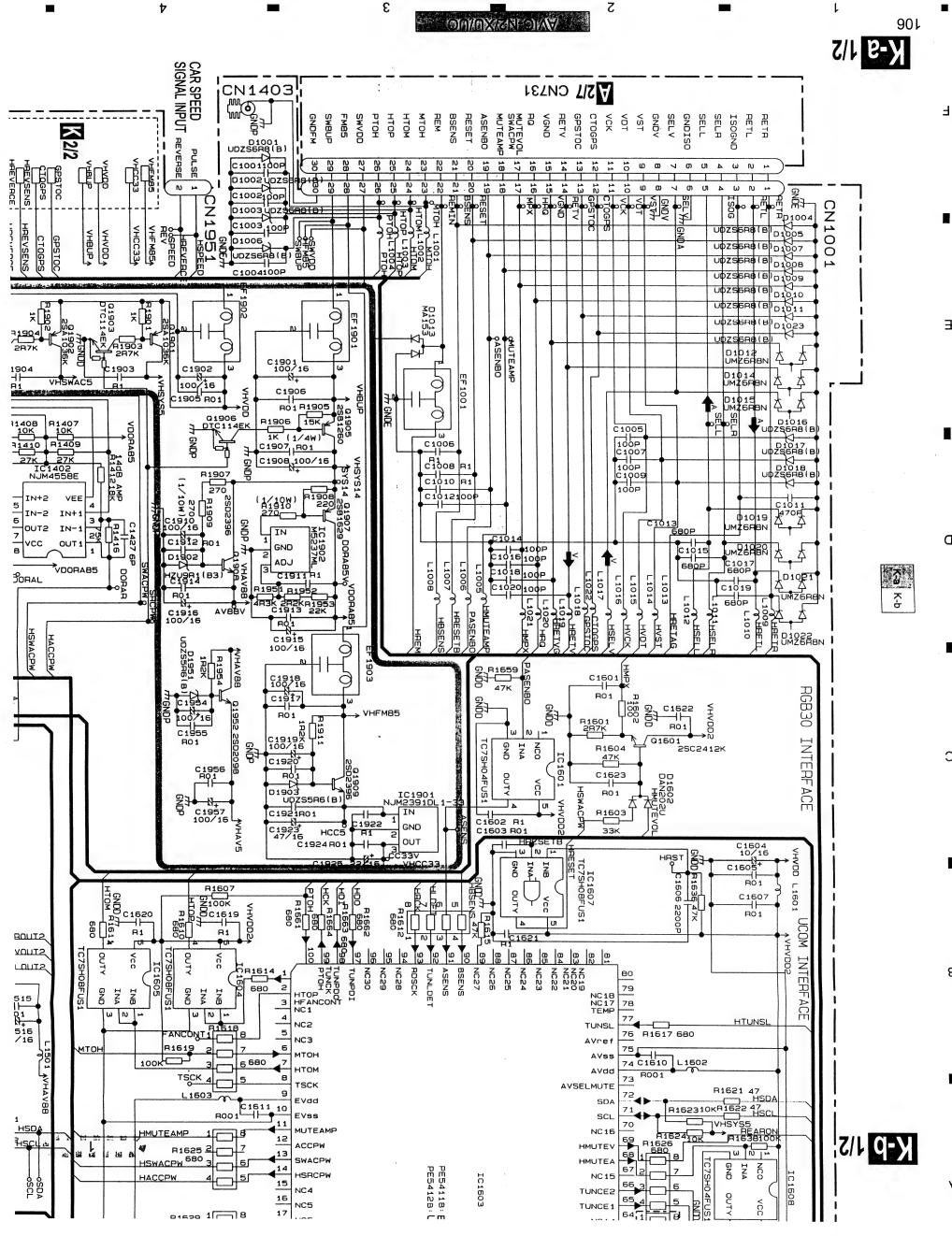
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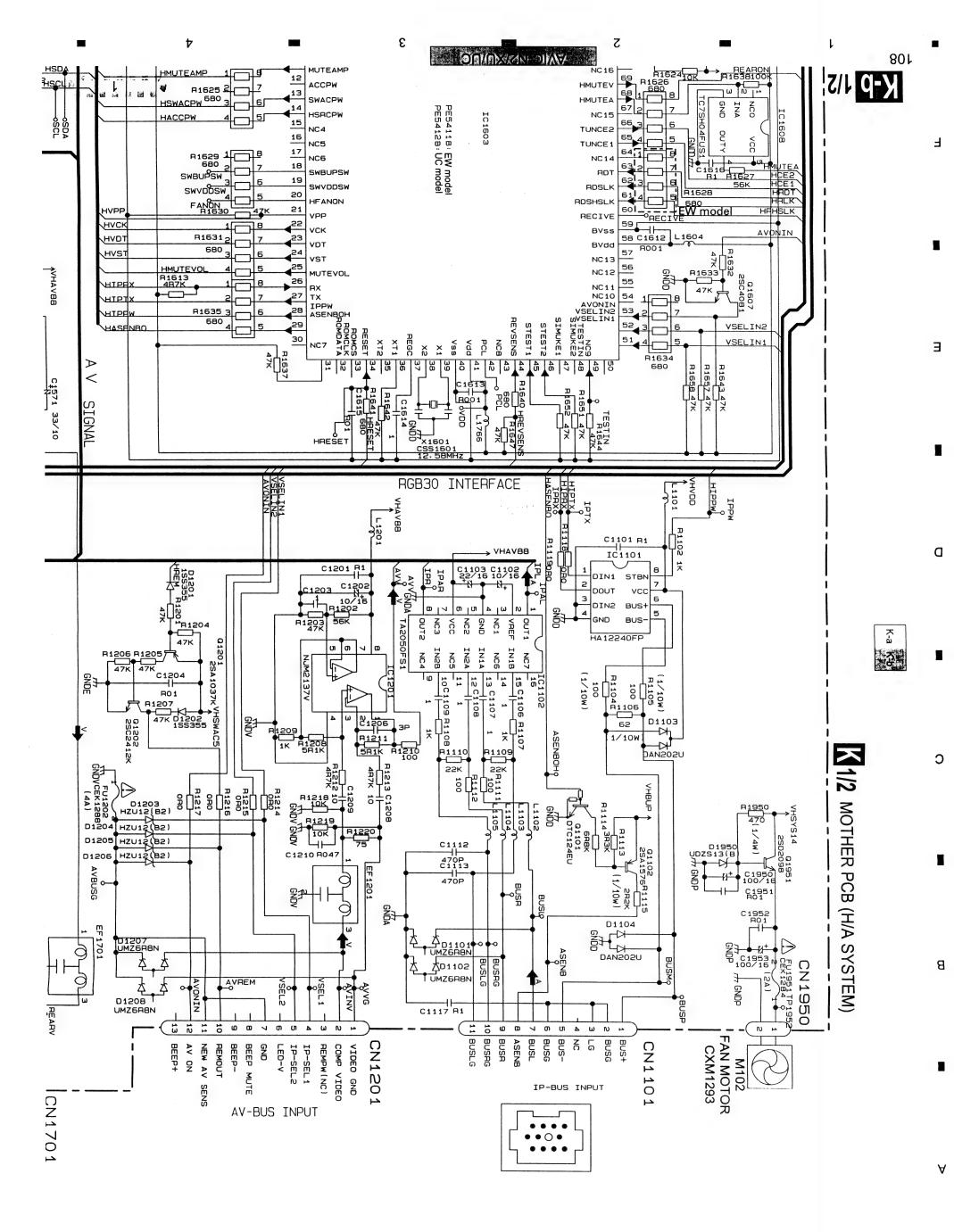
K-8 1/2 ENDAL END 14 S FM/AM ANTENNA
CN1402 1 -FM/AM TUNER UNIT CWE1651 : UC model CWE1650 : EW model RDS_DATA ADS-HSLK VDD_3.3 BEGND DGND LCh ZNR1401 RCCA-201031UA-PI L1401 1 R1401 TUNSLA1428 7 CE2 R1405 680 VHADD.≯ OCE 1 R1404 R1431680 HCE 1 O C14012H2 H14020H0 PDSLOCK RDSDATA C1402 L1402 C1408 | R01 C1442 220/16 N+ 27P C1412 220/16 C1414 R01 R1406 B20 VDORA85 VDORASS EW model C1419 IC1401 N₊ C1418 10/15 OUT 9140B 10K R01 R01 R1411 33 GND C1430 F1 1 SR154-400 R1410 L140B 15R154-400 VDORAB5 01401 2SC3357 L1411 2200P R141B 1R5K (Z) VDORA85 R1421 150 R1432 SWACPW CN1404 100 100 1 R1424 58 3 RFOUT C1435 2200P 2 **RGB30 INTERFACE** L1413 ## V6 P V6 COUT1 VGND YOUT1 VOUT1 ROUT1 TRAP1 1K 5F1K 49 91009 591K C1026 P100B 5H1K RV1 100 NC3 C 1 COUTS BOUTS VOUTS C7SH0BFUS1 LOUIS GND VOUT3 12 ROUTS 0H0 1562 P1562 13 39 C1504 15 15 C1505 1 5R6K 19 15 38 37 SO A 22/16 LOUT3 MTOH F1016 56K **F1017** COUT3 47K C1031 C1559 R1569 Y3 RV3 C3 35 AGND SDA SCL 10/16 N₊ C1032 34 3281510C1514
ADB 31 586K IPR
AV5 30 C1513 AVV
V5 29 1 IPL
LV5 2881509C1512
S2-4 27
S2-4 26 C1511 B1570 C1506 33 R1511 100 HSDA R1512HSCL 25 R150B NWB 25 R150B NWB 24 5 R6K 4 23 R1507 C1510 4 22 5 R6K 4 22 5 R6K 1 NWD K-b 1/2 C1553 C1552 e k PASEL PI SOOP SOOP

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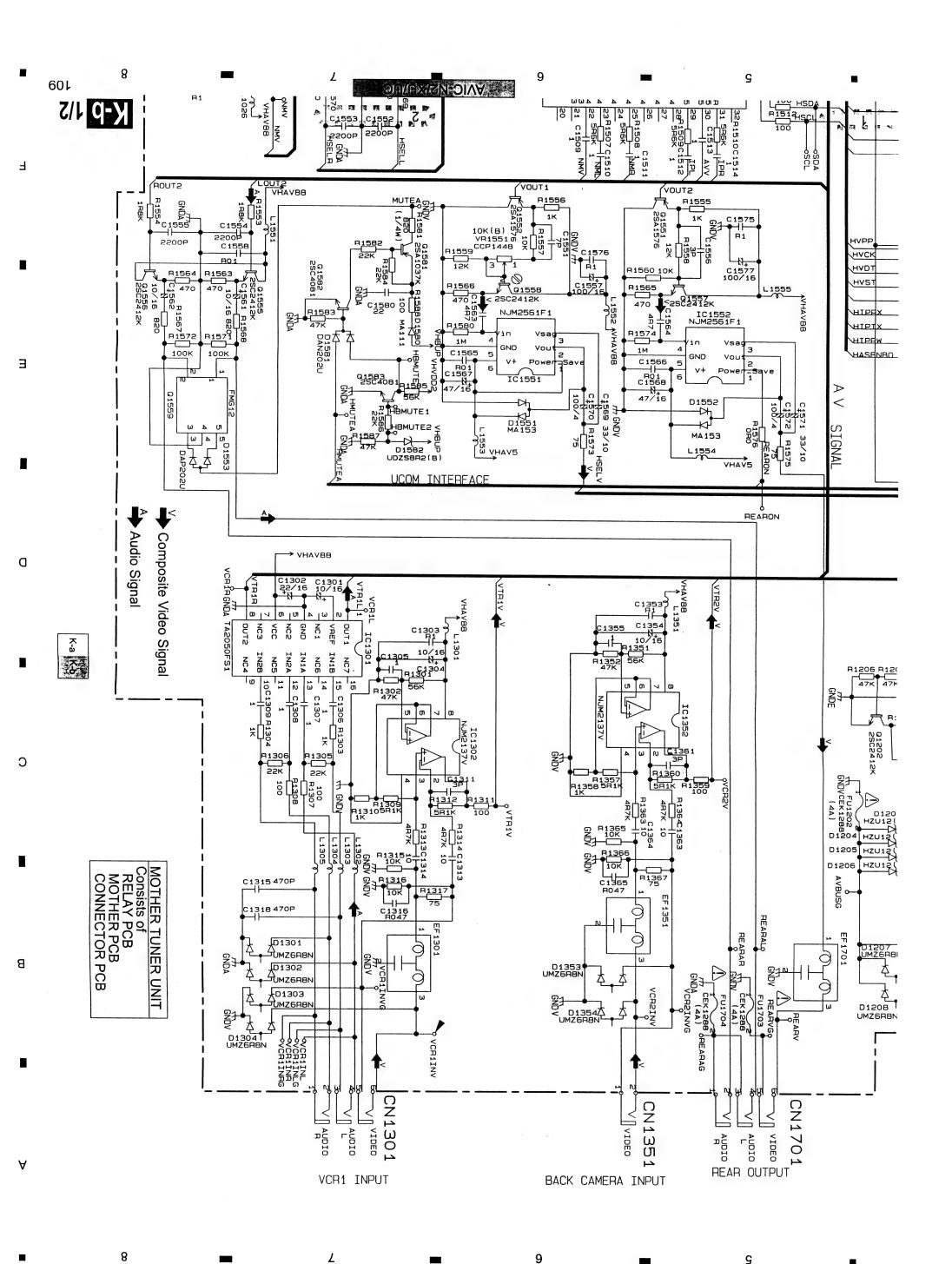


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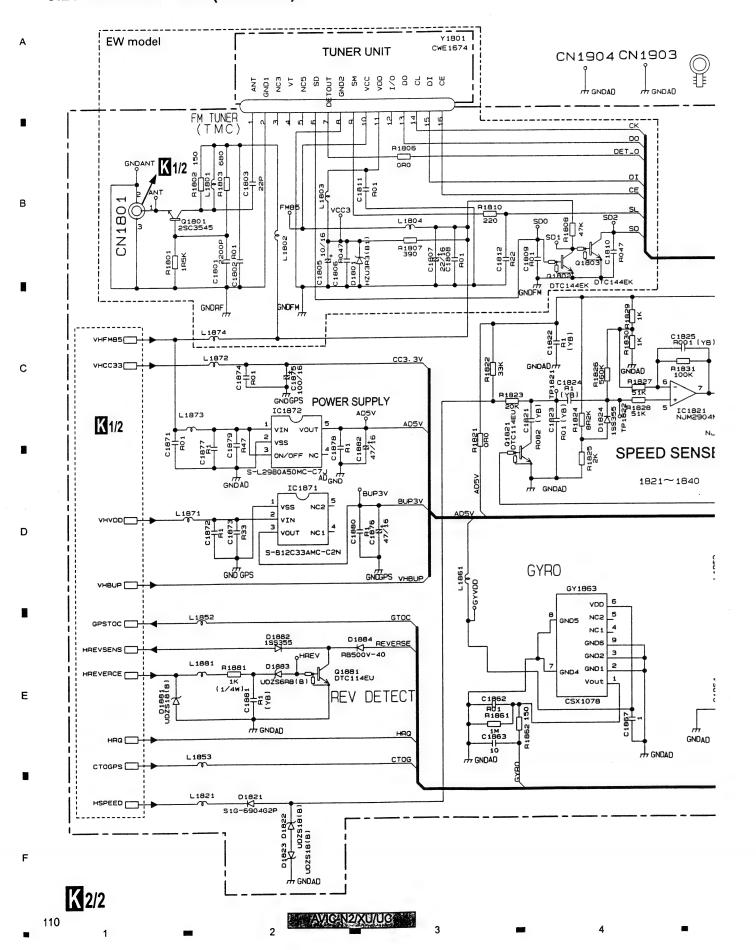
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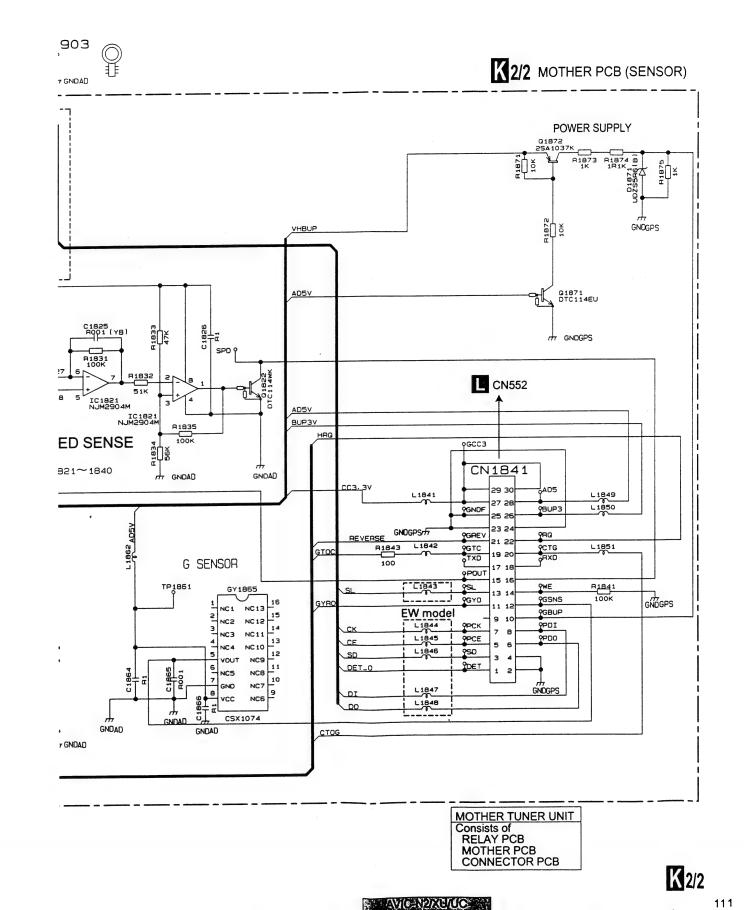
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3.20 MOTHER PCB (SENSOR)



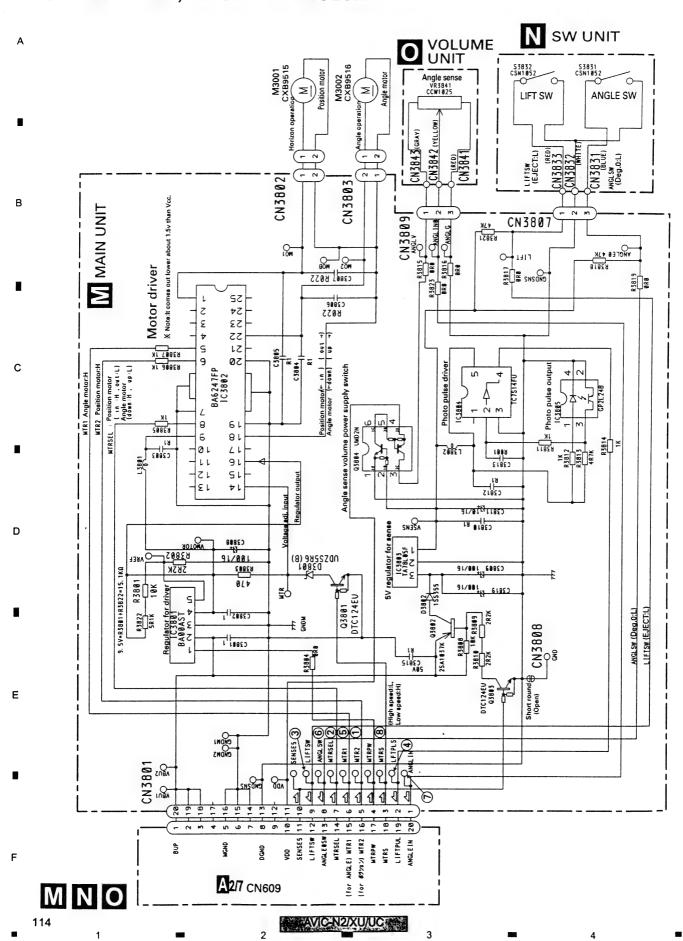


3.21 CONNECTOR PCB

CONNECTOR PCB CN552 CN551 DET DETIN DETGND SD SD 3 | GND DETGND PCE PCE PDI PCK PCK PDI PDO вНв 9 H 9 F NC 9 GBUP VSNS 10 10 GYO GYROIN GSNS GSNSIN P **X**2/2 SL CN461 FLASHWE 14 CN1841 POUT PSWOUT 15 15 SPD 16 16 SPEED γТХ TXDD TXDD γRX RXDD RXDD 18 18 GTC GPSTOC 19 19 19 | 19 CIG CTOGPS 20 120 20H20 GREV 21 REVSNS RQ RQ GND GND 24 24 GNDFM GND 25 25 BUP3 BUP3 26 26 26 26 γ33۷ VCC3 AD5 AD5V 28 28 28 VCC3 CC3.3V ANTVCC MOTHER TUNER UNIT
Consists of
RELAY PCB
MOTHER PCB
CONNECTOR PCB

AVIC-N2/XU/UC

3.22 MAIN UNIT, SW UNIT AND VOLUME UNIT

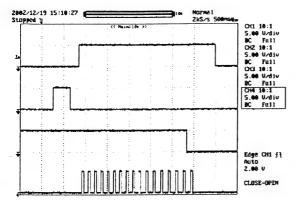


Waveforms

The encircled number denote measuring pointes in the circuit diagram.

· CLOSE -> OPEN

- ① CH1:MTR2
- ② CH2:MTRSEL
- ③ CH3:LIFTSW
- 4 CH4:LFTPLS



- MAX -> Deg.0 DOWN
- ⑤ CH1:MTR1 **© CH3:ANGLSW**
- ② CH2:MTRSEL

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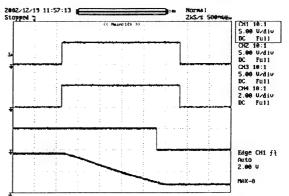
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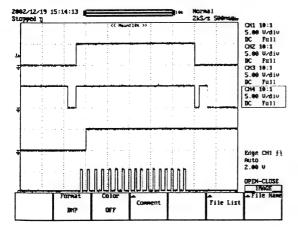
Е

① CH4:ANGLIN

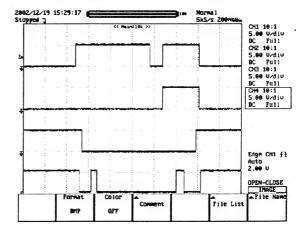


• OPEN -> CLOSE

- ① CH1:MTR2
- ② CH2:MTRSEL
- ③ CH3:LIFTSW
- **④** CH4:LFTPLS

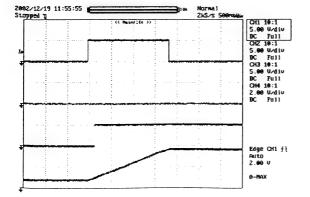


- Set back open -> Set
- ① CH1:MTR2 ③ CH3:LIFTSW
- ® CH2:MTRS
- 4 CH4:LFTPLS



• 0->MAX

- ⑤ CH1:MTR1
- 2 CH2:MTRSEL
- **© CH3:ANGLSW**
- ⑦ CH4:ANGLIN



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P-b

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P GPS UNIT 32. 76 g _ 6 T _ 7 I Sa 1 A15 A16 49 47 47 A14 BYTE 46 A13 V882 45 A15 D07 A[17] A[15] D[15] A[13] A[12] Ali2| 6 Ali 007

Ali10| 7 Ali 007

Ali0| 7 Ali 007

Ali0| 7 Ali 007

Ali 00 Ali 0014

B NC1 008

B NC1 008

B NC2 0013

Ali 00 Ali 000

Ali A11 DQ7 A[11] A[10] D[14] olel 0(4) 0(3) AISI 0(13) 112 PC0 113 PC1 114 PC2 115 PC3 116 PC4 117 PC5 118 PC5 112 D1 67 0111 0(12) 0(4) DO VSS4 65 65 65 64 63 63 62 0(11) D[10] ALL IEIA IEIA 0(1) ALSI AIBI A4 50
A4 59
A5 55
A7 56
A8 55
VSS3 54
VCC3 53
A10 52
A11 50
A12 49
A13 48
A14 47
A15 46
A17 44
A18 43
A19 42
VSS2 41
V 122 TESTO 123 TEST1 METRETE A[7] A[6] 0181 DIOI ALGL 124 126 PEFCK AIZL AIGL DRAGON IC501 PD3390A VCC7 A(1) TOT Y PD6472A: EW model PD6473A: UC model GNDOR 130 130 130 PINO XAUXIN ALLL 131 PIN1 132 PIN2 ALIST 133 PIN3 A[14] A(4) A(3) A[7] A[8] A[15] PIO4 135 PIO6 A[15] A(2) 136 137 PIO6 Œ 96Ci 36 90Ci 37 90Ci 37 90Ci 36 90Ci 36 90Ci 36 ALIBL LBS 136 TXD3 130 RXD3 CERAM 0101 Disi 01141 D501 140 P8751V40141 BOWWOW 0(13) PIC 0131 0131 0013 35 D[4] D[5] D[6] D[7] Disol 35 A[17] A[16] A[16] A[14] CHOOR 10K EW model A 8 8 8 CHOON S EW model 1 0 m Ó₩Ž RDS DECODER SCLK ADI ADO CSB DDO 勒戴勒蒙

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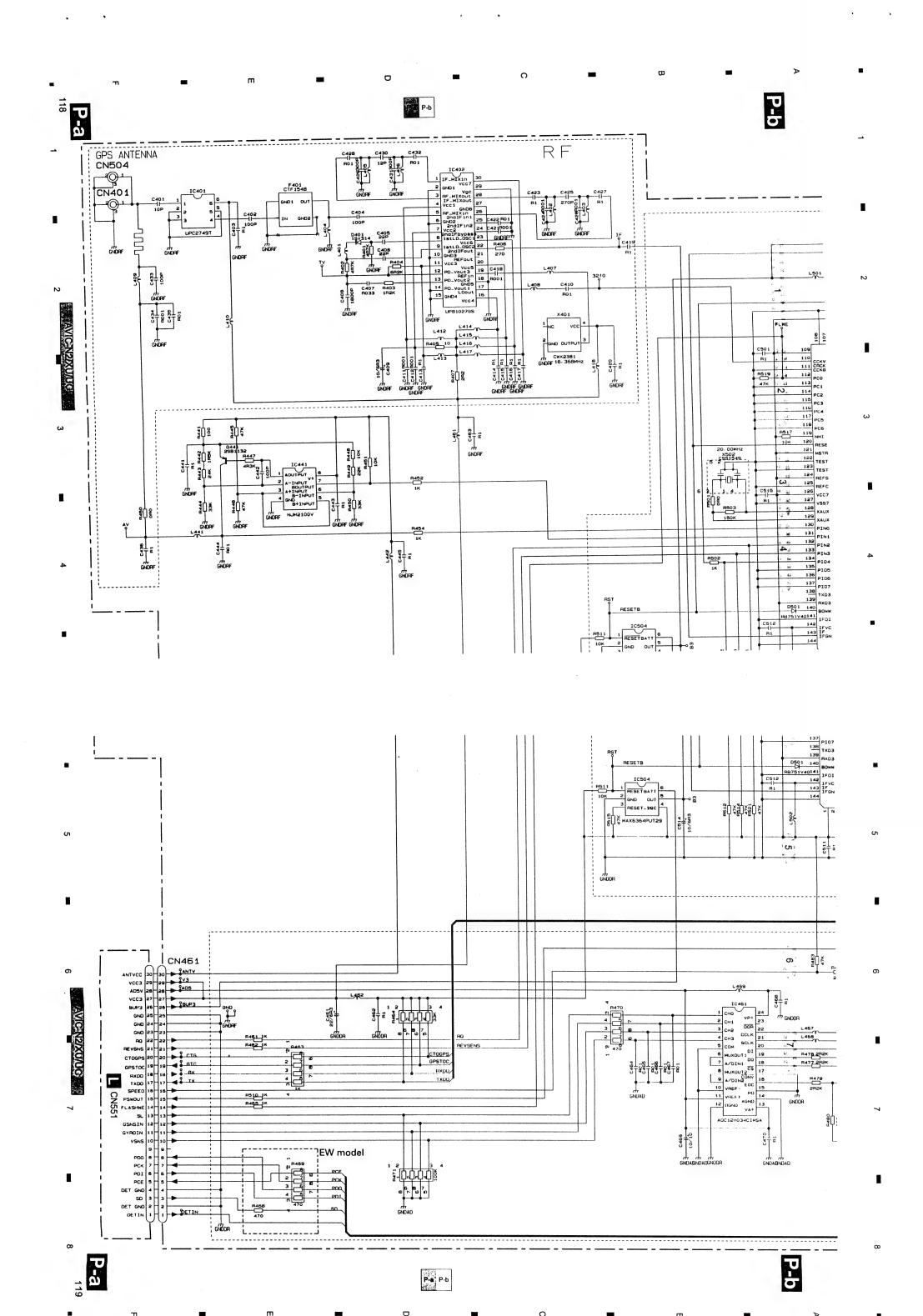
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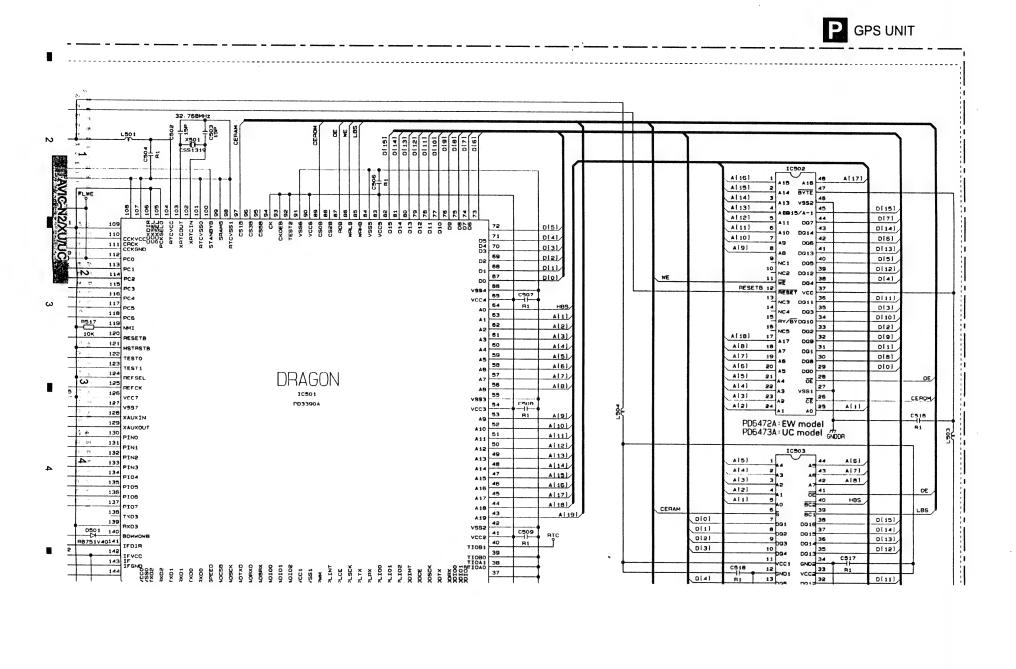


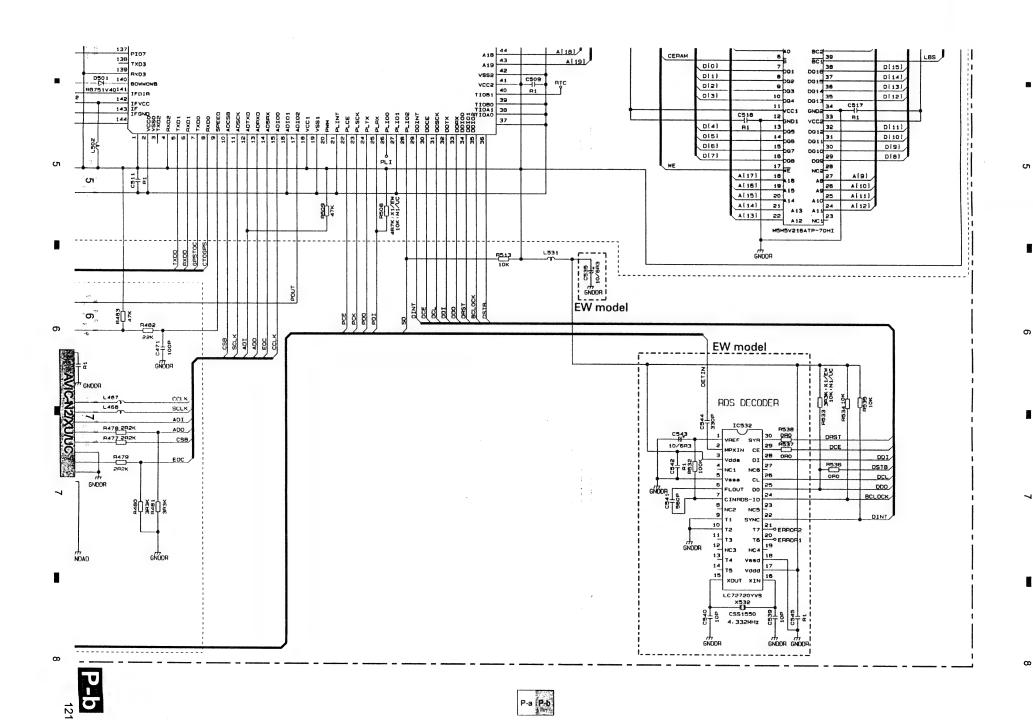
P-b

P-a P-b

C

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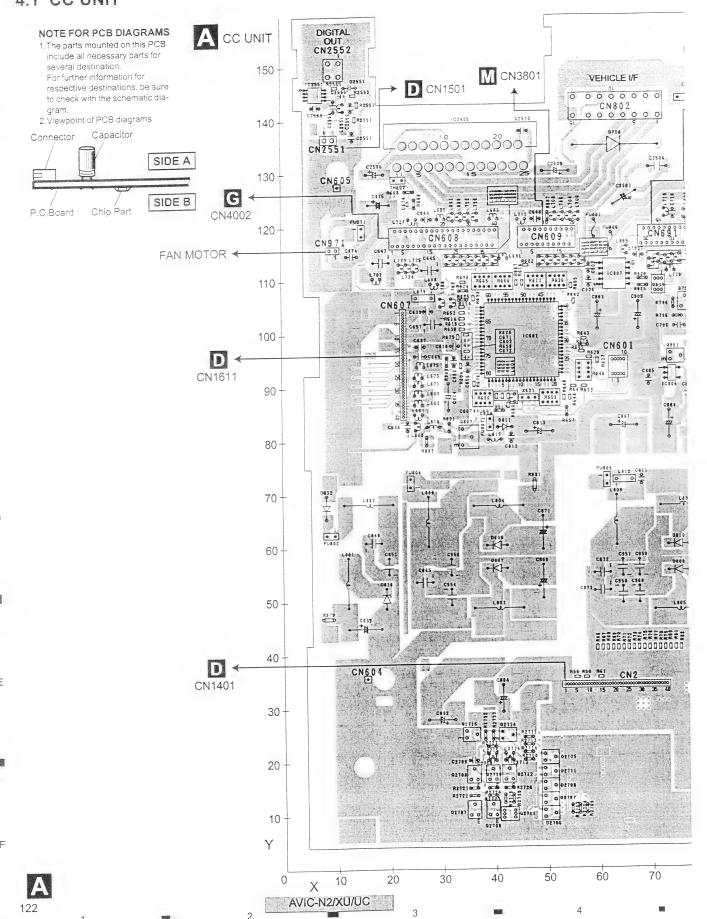


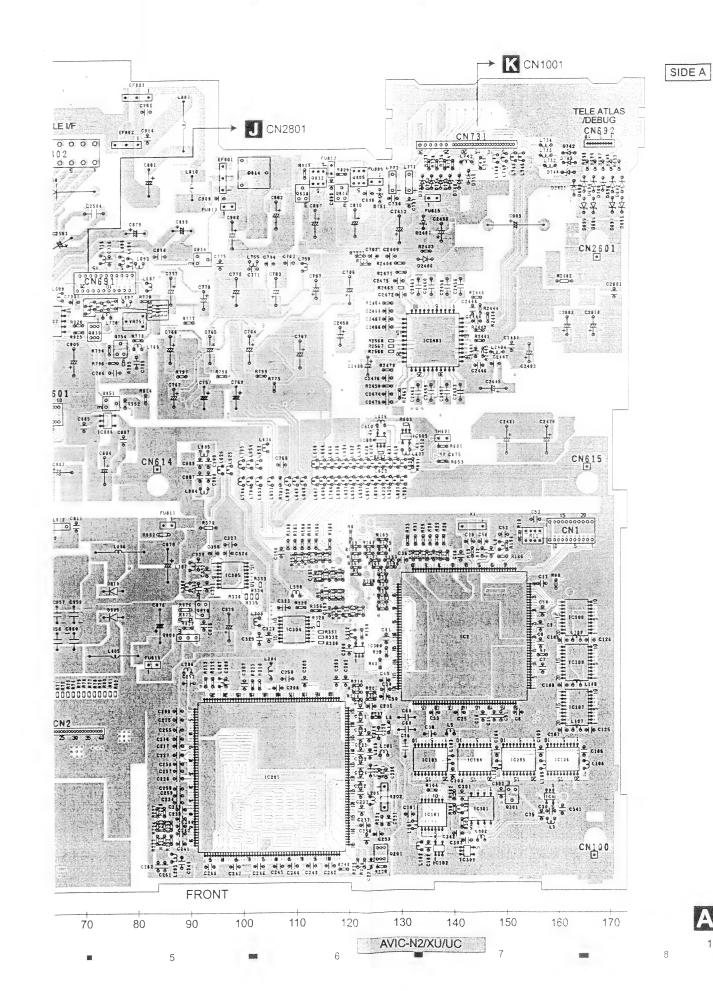


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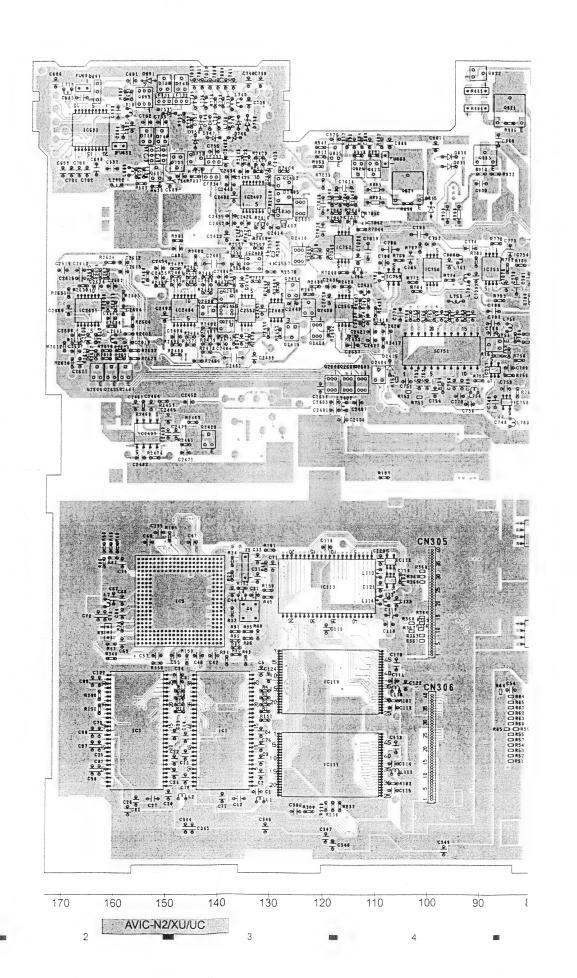
C

4. PCB CONNECTION DIAGRAM 4.1 CC UNIT



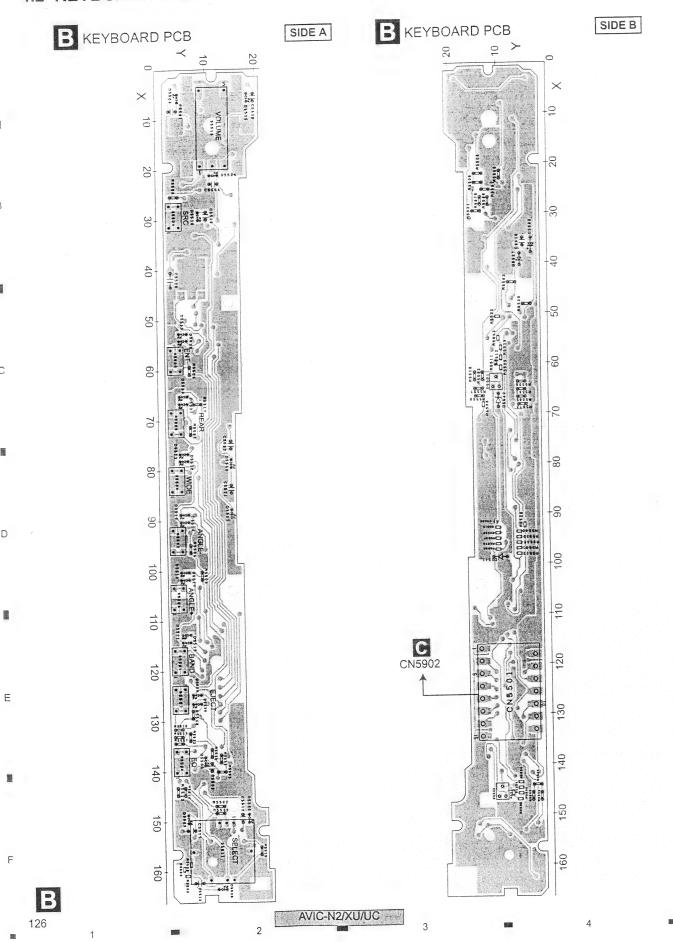


A CC UNIT

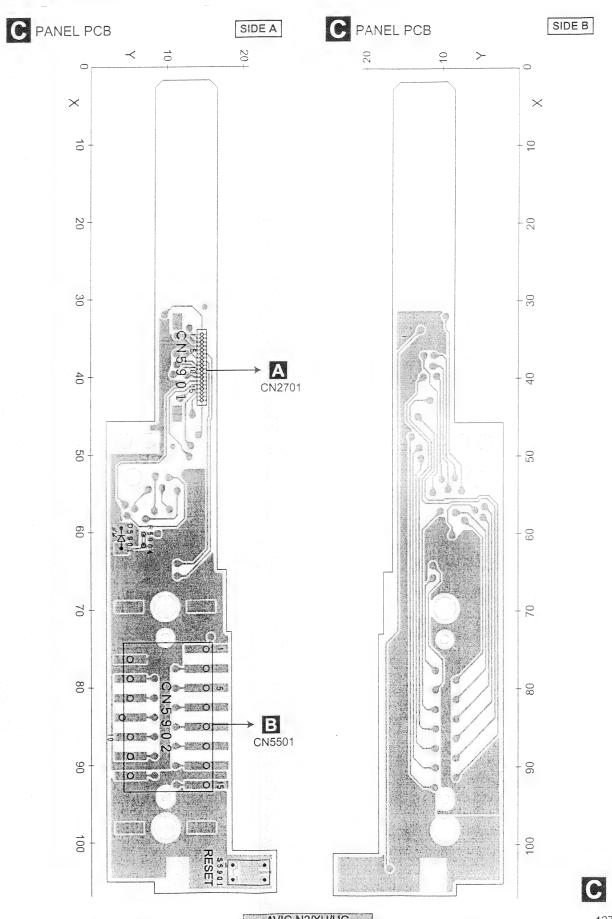


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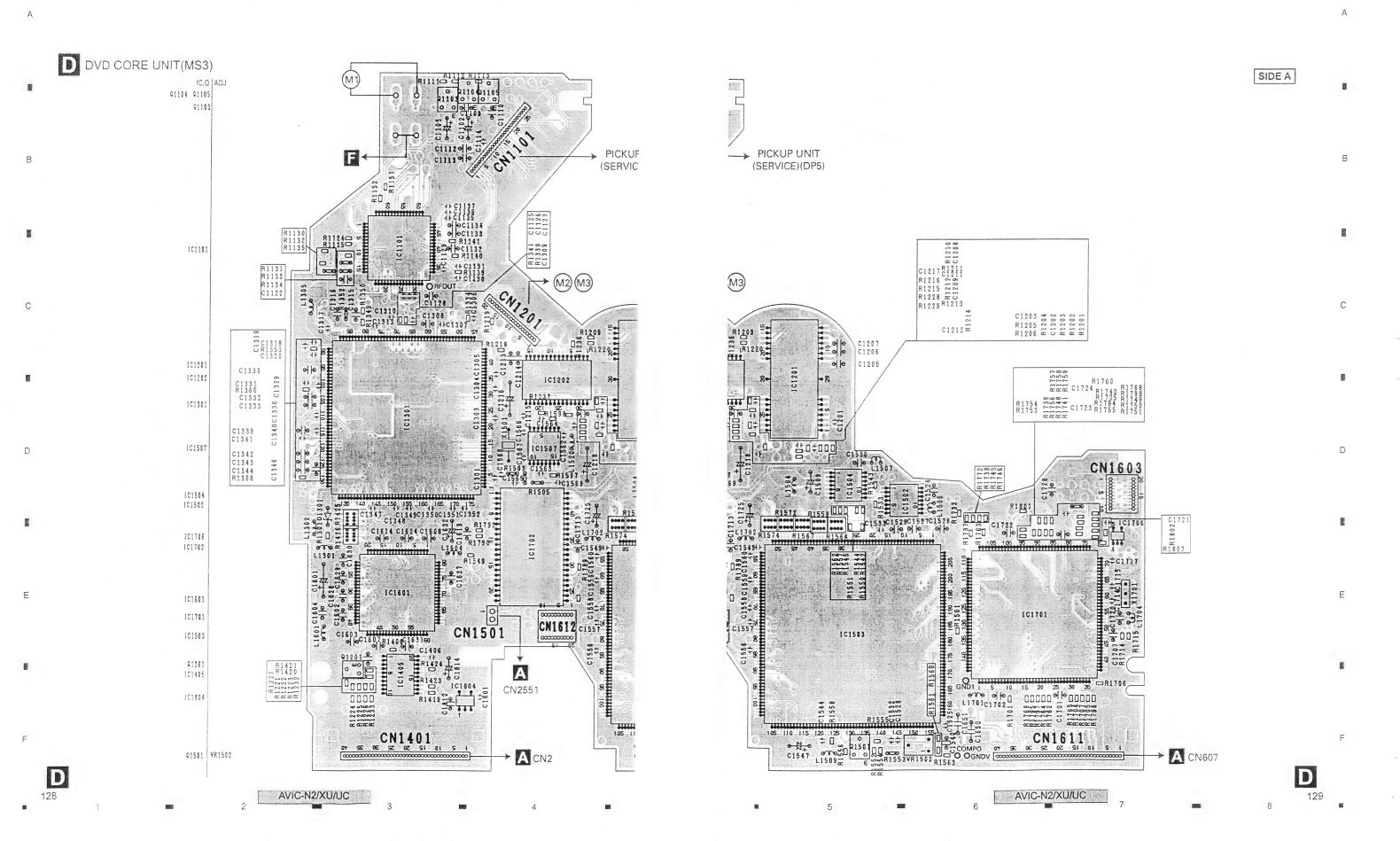
4.2 KEYBOARD PCB



4.3 PANEL PCB



4.4 DVD CORE UNIT(MS3)

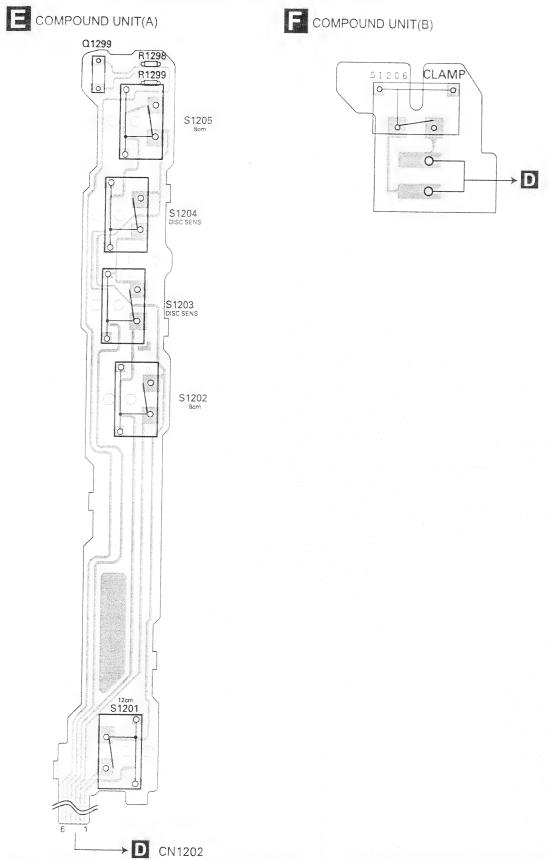


D DVD CORE UNIT(MS3) RISTS

RI

IC,Q 91101 Q1102 C1138 D1302 S IC1302 C1360 R13865 C1323 SR1355 42 SP R1358 R1358 R1355 51 R1 R1358 R1359 8 R1358 R1359 8 R1358 R 00##0 1C1303 IC1303 C13340 | CR1361 | C13378 | C13379 | C13378 | C13379 | C13378 | C13379 | C13378 | C13379 | C13512 | C13 IC1504 IC1401 101505 CN1202 101507 IC1502 IC1605 IC1705 IC1402 101501 R1569 R1568 R1568 R1568 IC1508 IC1403 E 1551 AVIC-N2/XU/UC

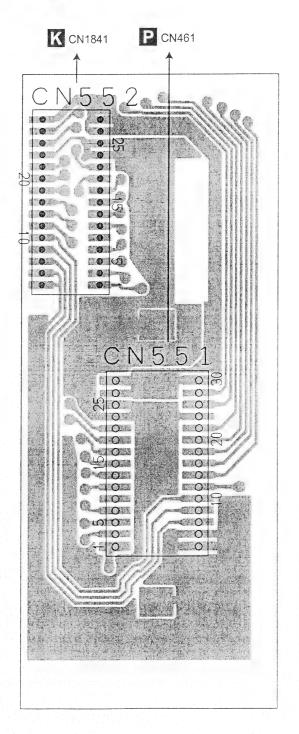
4.5 COMPOUND UNIT(A) AND COMPOUND UNIT(B)

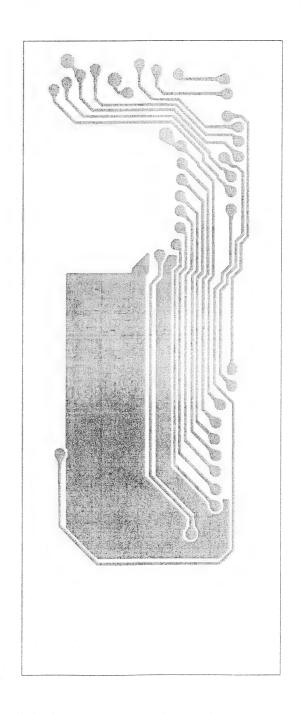


- AVIC-N2/XU/UC

4.6 CONNECTOR PCB

CONNECTOR PCB SIDE A CONNECTOR PCB SIDE B





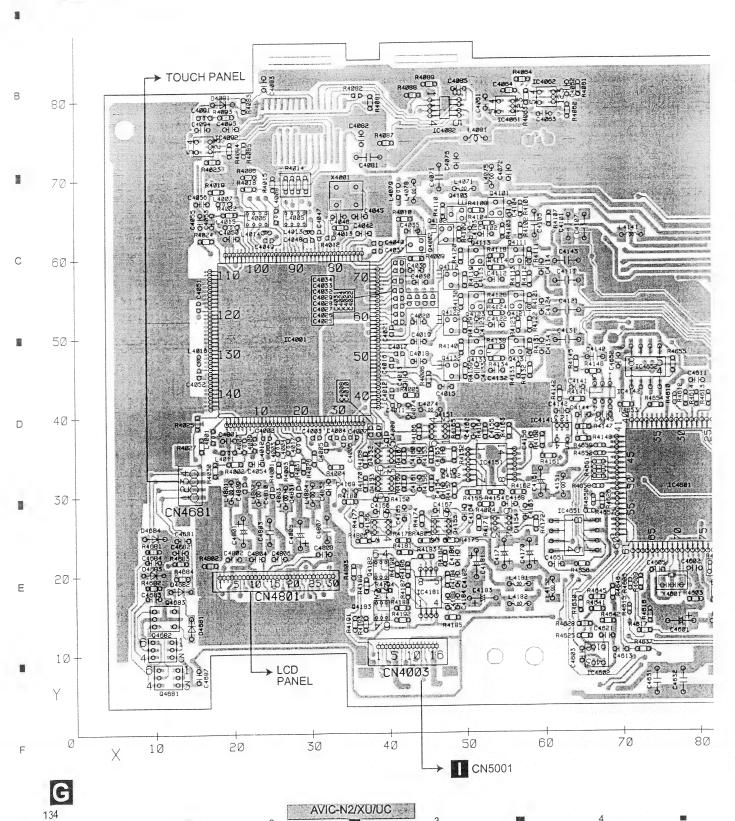
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AVIC-N2/XU/UC

L

4.7 MONITOR PCB



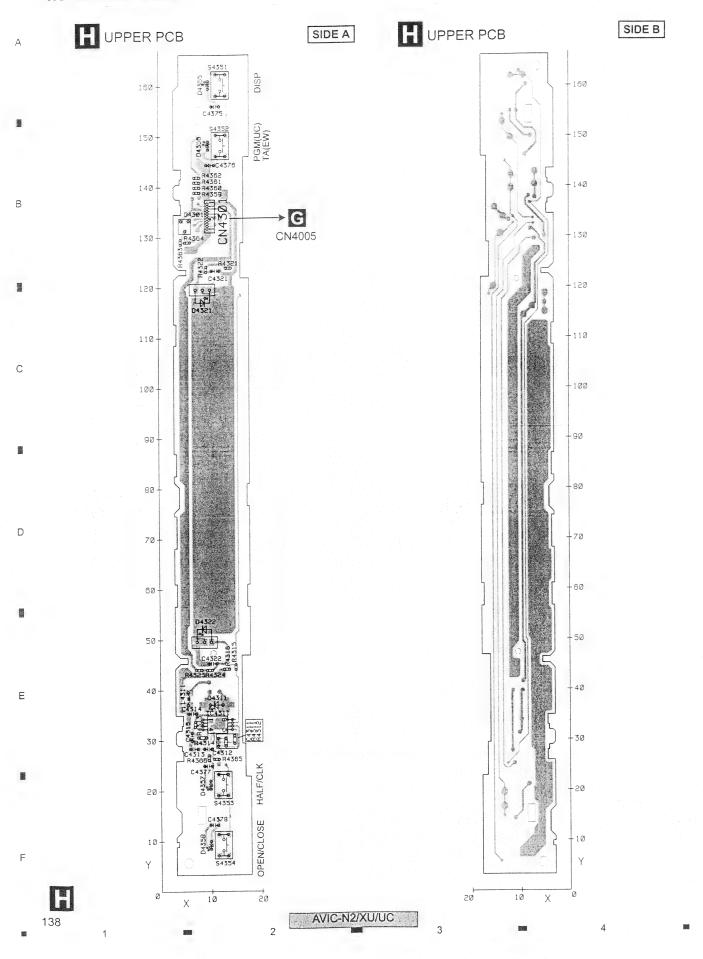


→ LCD → **H** CN4301 10 150 140 150 120 130 90 100 110 80 → A CN608

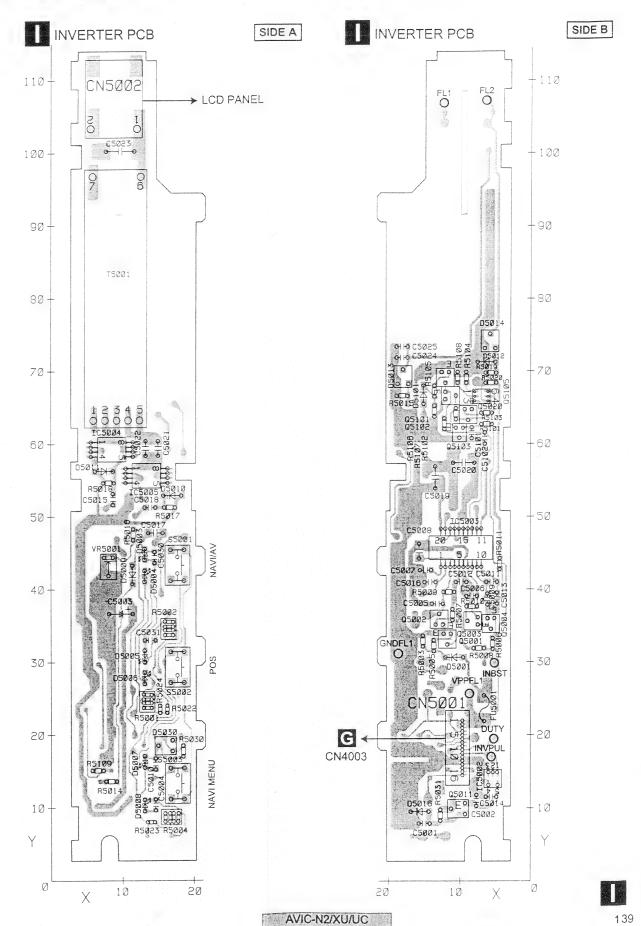
SIDE A

G MONITOR PCB SIDE B **G**

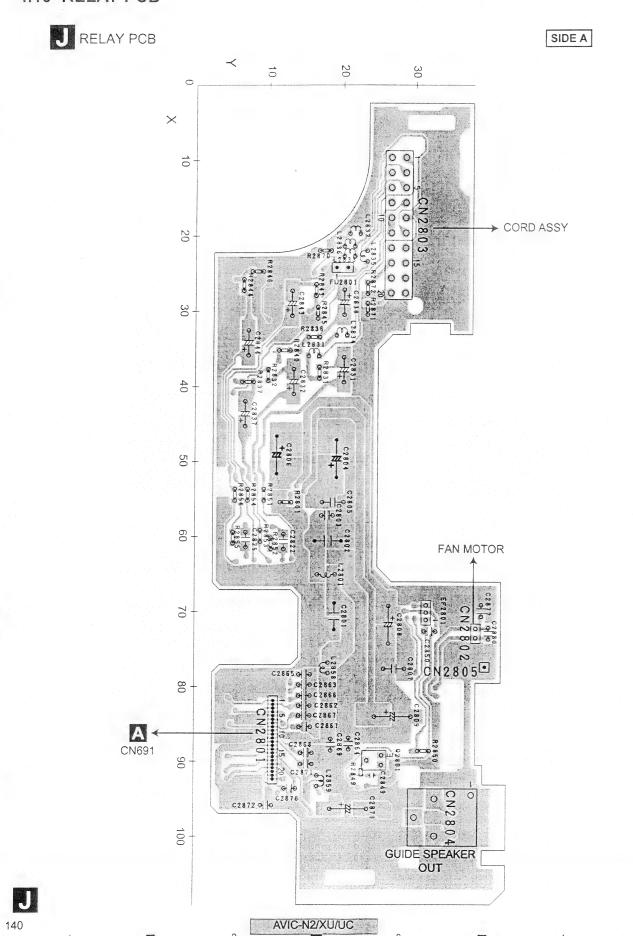
4.8 UPPER PCB



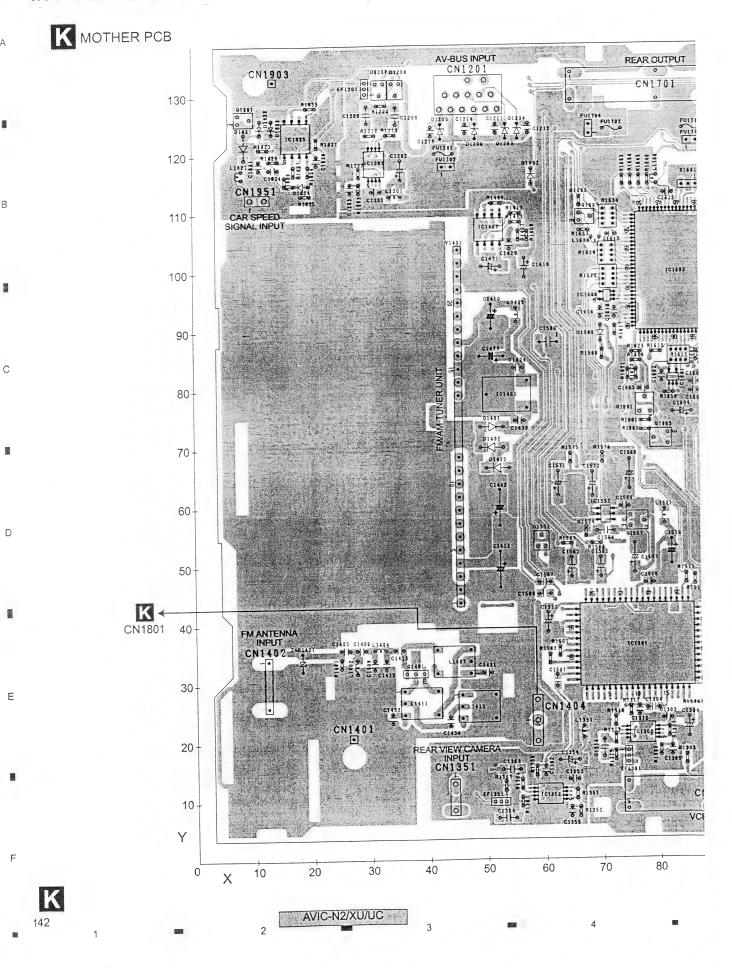
4.9 INVERTER PCB



4.10 RELAY PCB

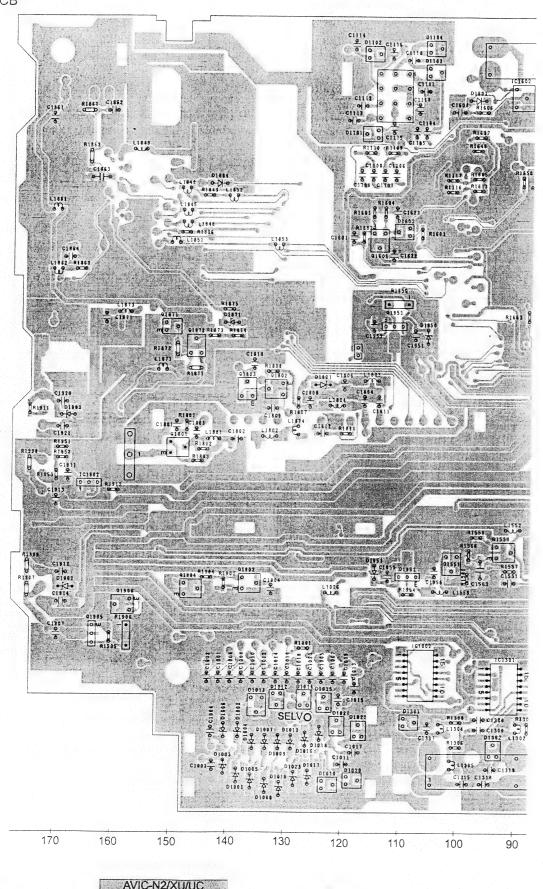


4.11 MOTHER PCB



→ **L** CN552 SIDE A → FAN MOTOR CN1904 8Y1861 TUNER UNIT (EW) **★ K** CN1404 → **A** CN731 VCR1 INPUT 90 100 110 120 130 160 FRONT AVIC-N2/XU/UC

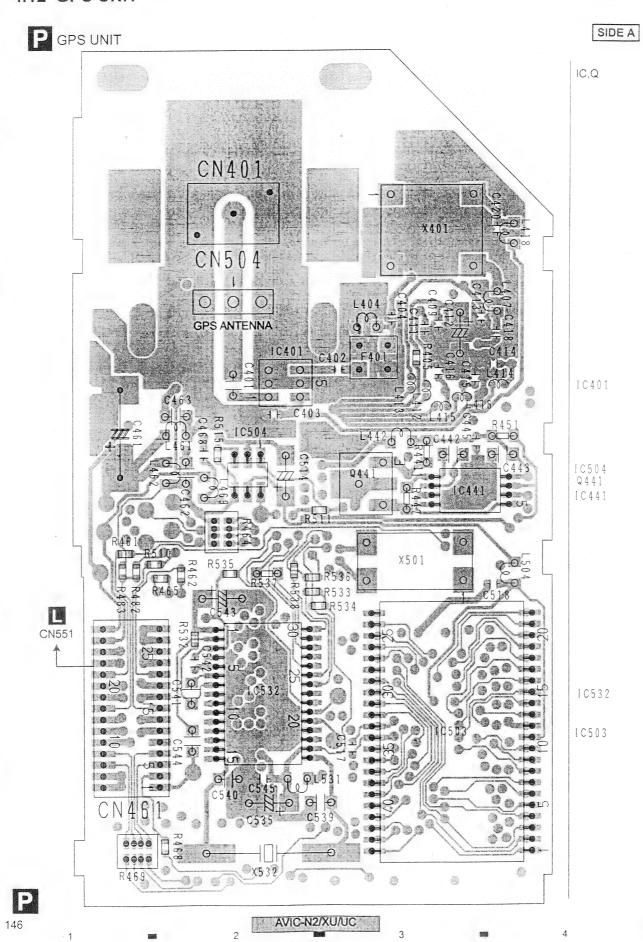
K MOTHER PCB

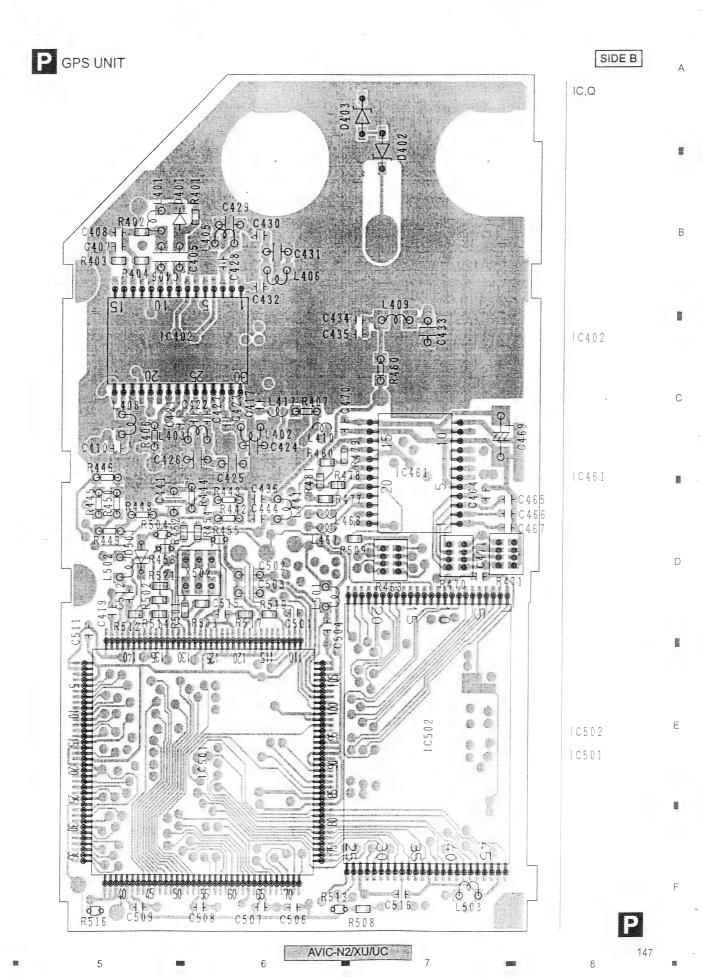


AVIC-N2/XU/UC

AVIC-N2/XU/UC

В





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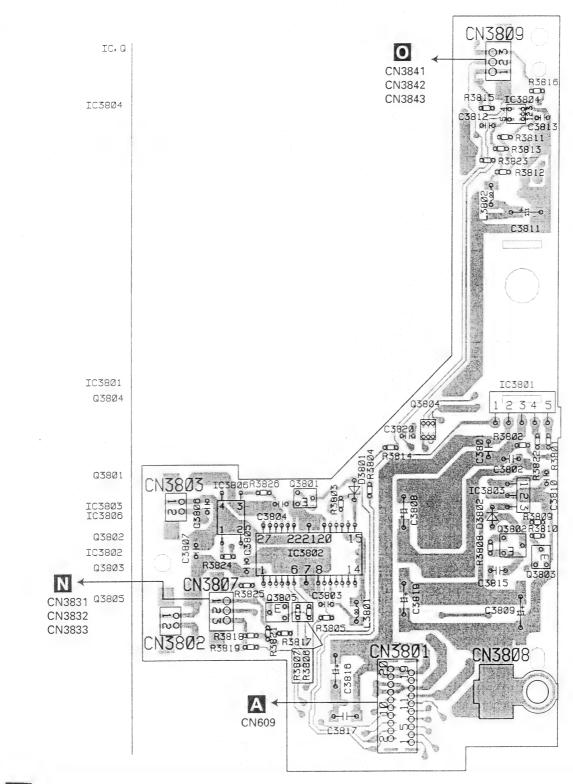
С

D

E

M MAIN UNIT

SIDE A



M

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AVIC-N2/XU/UC

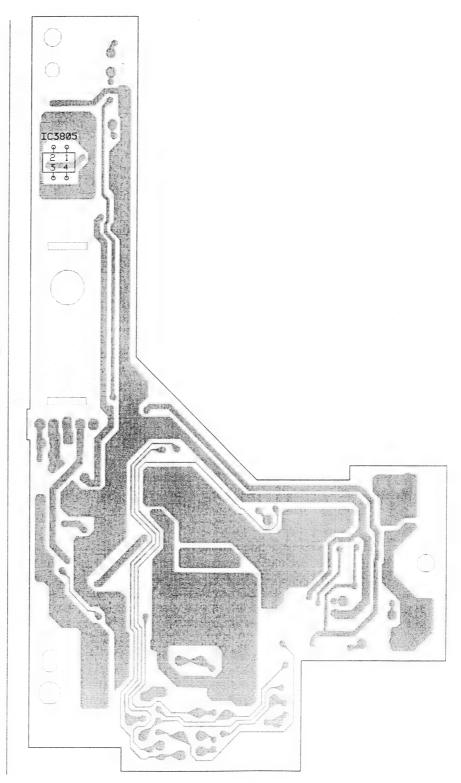
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M MAIN UNIT

SIDE B

IC. Q

IC38Ø5



M

AVIC-N2/XU/UC

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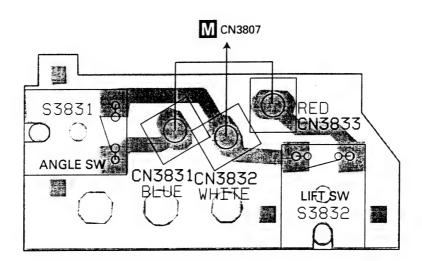
4.14 SW UNIT AND VOLUME UNIT

N sw unit

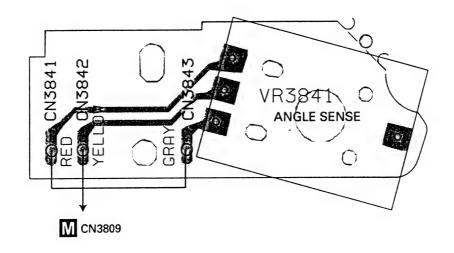
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O VOLUME UNIT



NO

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5. ELECTRICAL PARTS LIST

- · Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/OSOOOJ,RS1/OOSOOOJ

Chip Capacitor (except for CQS.....)

CKS...., CCS...., CSZS.....

- The riangle mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- · Meaning of the figures and others in the parentheses in the parts list.
- Frample) IC 301 is on the point (face A 01 of x axis and 111 of w

	ample) IC 301 is on the p PC board. 301 (A, 91, 111) IC N.		ixis, and 11	l of y-axis) of the corn	responding	J	J	Q 809 Q 810 Q 811 Q 814 Q 815	(A,89,50) Transistor (A,92,57) Transistor (B,13,51) FET (B,62,45) Transistor	2SA1797 DTC114EU RK4936 DTC114EU	Q 270 Q 271 Q 271 Q 271	10 (A,39,18) Transistor (EW 11 (A,42,10) Transistor (EW 12 (A,42,18) Transistor (EW	2SA1577 UMH1N 2SA1577
	Circuit Symbol and No.	Part No.	Cir	rcuit Symbol and No.	Part No.			Q 815	(B,45,69) FET	RK4936	Q 271	13 (B,36,100) Transistor	IMD2A
			IC 608	(B,60,94) IC	TC7WT125FU			Q 816	(B.80,68) FET	RK4936	Q 271	14 (A.42.25) Transistor	2SA1576
			IC 611	(B,44,104) IC	TC7S04FU			Q 819	(B,45,48) FET	RK4936	Q 271		2SD1767
			IC 612	(B,51,91) IC	S-80840CNMC-B8Z			Q 820	(B,80,49) FET	RK4936	Q 271		DTC124EU
Α			IC 613	(B,48,104) IC	TC7SH00FUS1			Q 821	(B.85,149) Transistor	2SA1834F5	Q 271		
Linis	Number:CWM9948(A	VAC NOVILLION	10 013	(6,40,104) 10	10/3/100/031			Q 822	(B,91,153) Transistor	DTC114EU	D 610		DTC114EU
Unit	Number:Cvvm9946(A	AVIC-NZ/XU/UC)	IC 691	(B,165,143) IC	LIDDATOACCCA			Q 622	(D,91,133) Harisistor	DICTIALO	0 610	D (B,54,89) Diode	1SS355
Unit	Number: CWM9947(A	VIC-X1R/XU/EW)	IC 751	(B.98,102) IC	UPD4721GSS1			Q 823	10 444 400) T	0001001			
Unit	Name:CC Unit		IC 752		CXA1645M	С	С		(B,111,136) Transistor	2SC4081	D 691		HZU8R2(B1)
Oilit	Maine.CC Unit		IC 753	(B,117,121) IC	NJM2137V			Q 824	(B,104,134) Transistor	2SB1184F5	D 692		UDZS20(B)
			IC 754	(B,88,117) IC	NJM2235V			Q 825	(B,114,136) Transistor	2SC4081	D 693		UDZS20(B)
MISC	ELLANEOUS		IC 754	(B,79,120) IC	NJM2561F1			Q 828	(B,65,115) Transistor	IMX1	D 694		UDZS20(B)
								Q 829	(B,67,106) Transistor	2SB1184F5	D 695	5 (A,167,132) Diode	UDZS20(B)
IC 1	(B,139,31) IC	K4S561632E-TL75	IC 755	(B,107,116) IC	NJM2561F1								
IC 2	(A,142,51) IC	UPD705103GM-180S1	IC 756	(B,100,117) IC	NJM2235V			Q 830	(B,30,85) Transistor	UMF23N	D 696		UDZS20(B)
IC 3	(B,156,31) IC	HY57V561620CLT-H	IC 757	(B,87,98) IC	TC7SET08FUS1	•	-	Q 832	(A,114,137) FET	RSQ030P03	D 697		UDZS20(B)
IC 4	(A,158,22) IC	TC7SZ08FU	IC 758	(B,85,92) IC	TC7SZ08FU			Q 835	(B,118,139) Transistor	2SC4081	D 696		UDZS20(B)
IC 5	(B.147,55) IC	PD6336C	IC 801	(B,62,83)	PQ018EZ01ZP			Q 837	(B,40,118) Transistor	2SC4081	D 699	9 (A,165,132) Diode	UDZS20(B)
	(=1:::1=0)	. 200000						Q 838	(A,111,134) Transistor	DTC144EU	D 700	(A,168,136) Diode	UDZS6R8(B)
IC 10	(A,136,18) IC	TC74LCX08FTS1	IC 803	(B,32,58) IC	TPS5102IDBT								
IC 10		TC7SH04FUS1	IC 804	(B,67,59) IC	TPS5102IDBT			Q 839 .	(A,72,109) Transistor	UMD2N	D 707	7 (B,63,151) Diode	DAN202U
IC 10		TC74LCX245FTS1	IC 805	(B,15,64) IC	TPS5103IDB	D	D	Q 840	(B,68,136) Transistor	2SA1576	D 708	3 (A,64,135) Diode	5KP22A
IC 10		TC74LCX245FTS1	IC 806	(A,74,92) IC	S-L2980A33MC-C6S		_	Q 843	(B,66,95) Transistor	2SD1767	D 731	(B,144,144) Diode	UDZS6R8(B)
IC 10		TC74LCX245FTS1	IC 807	(A,63,111) IC	TPD1018F			Q 951	(A,75,95) Transistor	DTC124EU	D 732		UDZS6R8(B)
10 10	(A, 132,20) 10	10/4000245F151						Q 971	(B,18,125) Transistor	IMX2	D 733	3 (A,136,136) Diode	UDZS6R8(B)
IC 10	6 (A,161,28) IC	TC74LCX245FTS1	IC 808	(B,61,101) IC	S-812C52AUA-C3G								
IC 10		TC74LCX541FTS1	IC 810	(B,34,85) IC	S-812C56AUA-C3K			Q 972	(B,18,116) Transistor	IMD3A	D 734	(A,137,136) Diode	UDZS6R8(B)
IC 10		TC74LCX541FTS1	IC 2401	(A,136,107) IC	PML009A	_	_	Q 973	(B,7,119) Transistor	2SD1767	D 735		UDZS6R8(B)
IC 10			IC 2402	(B,129,109) IC	TC7W66FU			Q 2401	(B,125,128) Transistor	UMD2N	D 736		UMZ6R8N
IC 11		TC74LCX541FTS1	IC 2403	(B,154,86) IC	TDA7052BT			Q 2402	(B,128,133) Transistor	DTC323TU	D 737		UMZ6R8N
10 11	(B,119,40) IC (EW)	PEH005A						Q 2403	(B,128,128) Transistor	DTC323TU	D 738		UMZ6R8N
	(B,119,40) IC (EW)	PEH003A	IC 2404	(B,147,109) IC	NJM2058V				(5,125,120) (12.15.55)	D1002010	5 100	(5,145,150) 51056	CIVILLORIOIY
IC 11	4D 44D D41 10 (140)		IC 2405	(A,34,137) IC	PAL007A			Q 2408	(B.122.106) Transistor	UMD2N	D 739	9 (B,154,142) Diode	UMZ6R8N
10 11		PEH006A	IC 2407	(B,134,130) IC	NJM3403AV			Q 2409	(B,123,110) Transistor	DTC323TU	D 740		UMZ6R8N
10.44	(B,119,24) IC (EW)	PEH004A	IC 2408	(B,134,118) IC	NJM2107F	E	E	Q 2410	(B,125,119) Transistor	UMD2N	D 741		UMZ6R8N
IC 11:		TC7SH00FUS1	IC 2551	(A,7,145) IC	TC7WT125FU	_	-	Q 2414	(B,126,113) Transistor	DTC124EU	D 742		UDZS6R8(B)
IC 11:		M5M5V216ATP-70HI	10 2001	(1,1,140) 10	10/11/25/0			Q 2415	(B,126,105) Transistor	DTC124EU	D 743		UDZS6R8(B)
IC 114	(B,107,59) IC	TC7SH08FUS1	IC 2552	(B,135,109) IC	NJM2068V			Q 2415	(B, 120, 103) Hallaistor	01012420	0 14.	(2,102,140) 51008	UUZSONO(B)
			IC 2553	(B,116,109) IC	NJM2068V			Q 2416	(B,139,109) Transistor	UMD2N	D 744	(A,162,138) Diode	UDZS6R8(B)
IC 20		MB86291APFVS-G-DL	IC 2601	(B,165,109) IC	NJM3403AV			Q 2417	(B,139,106) Transistor	DTC323TU	D 745	(,,, ,,	UDZS6R8(B)
IC 30		M51957BFP	IC 2701	(B,42,28) IC	TC7SH08FUS1			Q 2418	(B,139,112) Transistor	DTC323TU	D 746		UDZS6R8(B)
IC 302		TC7SH08FUS1	IC 2702	(B,38,88) IC	TC7SH04FUS1			Q 2419	(B,22,114) Transistor	UMD2N	D 747		
IC 304		AK4351VT	10 27 02	(5,50,00)	10/5/14/051			Q 2420	(B,142,85) Transistor	DTC114EU	D 748		UDZS6R8(B)
IC 305	(A,98,63) IC	AK5381VT	Q 201	(A,126,11) Transistor	UMD2N			Q 2420	(B, 142,03) Hallisistol	DICTIMED	U /40	B (B,142,144) Diode	UDZS6R8(B)
			Q 301	(A,151,22) Transistor	DTC114EU	2		Q 2421	(B,33,114) Transistor	UMD2N	D 749	. (A 444 420) Di- I-	
IC 309		TC7SH08FUS1	Q 601	(B,152,135) Transistor				Q 2422					UDZS6R8(B)
IC 601		PD5937A	Q 602	(B,132,133) Transistor (B,51,85) Transistor	2SC4081 UMD2N			Q 2427	(B,27,112) Transistor (B,25,123) Transistor	2SC4081 DTC124EU	D 750		UDZS10(B)
IC 602		TC74VHCT08AFTS1	Q 621	(B,41,109) Transistor	IMD2A	F	F	Q 2428			D 753		UDZS6R8(B)
IC 603		TC7SH08FUS1	G OLI	(S,41,103) HarrisistOf	INIUZA	۲	۲	Q 2603	(B,28,126) Transistor	DTC124EU	D 754		UDZS6R8(B)
IC 60	(A,126,88) IC	TC7SH08FUS1	Q 691	(B,162,150) Transistor	2004767			Q 2003	(B,113,96) Transistor	UMD2N	D 802	2 (B,39,57) Diode	RB400D
			Q 692		2SD1767			0.2004	(D 464 00) Township	DTCCCCTI			
IC 60	5 (A,131,89) IC	TC7SH08FUS1	Q 092	(B,155,149) Transistor	IMD3A			Q 2604 Q 2605	(B,164,98) Transistor	DTC323TU	D 803		RB400D
		200 2 XX	AVIABLES.	551					(B,161,98) Transistor	DTC323TU	D 804	(B,74,57) Diode	RB400D
•	5 =	6	WEOMAN	7 -	. 1	51 _	_	152		-	Alexant Line Calla Car		_
		-	-		0	-	-		1 100	2			4

Circuit Symbol and No.

(B.63,154) Transistor

(B,69,114) Transistor

(B,87,103) Transistor

(B,78,112) Transistor

(A,77,106) Transistor

(B,30,34) Transistor

(B,25,26) Transistor

(B.43,34) Transistor

(B,55,35) Transistor

(A,119,134) Transistor

(A.36.81) Transistor

(B,45,85) Transistor

(A,122,137) FET

Q 704

Q 731

Q 751

Q 752

O 754

Q 801

Q 802

Q 803

Q 804

Q 805

Q 806

Q 807

Q 808

Part No.

2SA1576

2SC4081

2SC4081 2SC4081

2SB1260

DTC114EU

2SA1834F5

DTC114EU

DTC144EU

DTC114EU

2SB1260

RSQ030P03

IMD3A

Circuit Symbol and No.

(B,116,96) Transistor

(B,158,98) Transistor

(B,119,96) Transistor

(B,33,123) Transistor

(B,33,117) Transistor

(B,42,24) Transistor

(B,35,10) Transistor

(B,35,17) Transistor

(B,39,9) Transistor

(B,39,17) Transistor

(B,35,22) Transistor

(A,36,11) Transistor

(A,36,18) Transistor

Q 2606

Q 2608

Q 2610

Q 2611

Q 2701

Q 2702

Q 2703

Q 2704

Q 2705

Q 2706

Q 2707

Q 2708

Part No.

UMD2N DTC323TU

UMD2N

UMD2N

UMD2N

DTC114TU

DTC144EU

2SA1577

UMH1N

IMD2A

2SA1577

DTC144EU

2SA1577

		6		7	8				· _	2		3	4
Cli	rcuit Symbol and No.	Part No.	Ç	rcult Symbol and No.	Part No.			Clr	cuit Symbol and No.	Part No.	c	ircuit Symbol and No.	Part No.
105	(B,74,61) Diode	RB400D	L 103	(A.140,28) inductor	CTF1557			L 645	(A.115.81) Inductor	CTF1306	L 712	(A.46.121) Inductor	CTF1629
06	(B,9,59) Diode	RB400D	L 104	(A,148,27) Inductor	CTF1557			L 646	(A,114,84) Inductor	CTF1334	L 713	(A,76,114) Inductor	CTF1306
107	(A,41,56) Diode	RB060L-40	L 105	(A,156,27) Inductor	CTF1557	A		L 647	(A,114,81) Inductor	CTF1334	L 714	(A,74,114) Inductor	CTF1306
	(1, 11,00)		2 100	(1,100,21) maddon	011 1007	^	Α	2 047	(×, 114,01) madous	011 1004	2 /	(1,14,114) madeles	011 1500
808	(A,41,60) Diode	RB060L-40	L 106	(A,165,27) Inductor	CTF1557			L 648	(A,112,81) Inductor	CTF1378	L 715	(A,73,122) Inductor	CTF1306
309	(A.75,55) Diode	RB060L-40	L 107	(A.163.34) Inductor	CTF1557			L 649	(A,110,81) Inductor	CTF1378	L 716	(A,70,113) Inductor	CTF1306
310	(A,75,60) Diode	RB060L-40	L 108	(A,163,42) Inductor	CTF1557			L 650	(A,109,81) Inductor	CTF1378	L 717	(A,72,114) Inductor	CTF1306
312	(B,39,113) Diode	HZU6R8(B2)	L 109	(A,163,51) Inductor	CTF1557			L 651	(A,105,81) Inductor	CTF1378	L 718	(B,158,146) Inductor	CTF1410
14	(A,104,138) Diode	KS926S2	L 110	(B,106,38) Inductor	CTF1556			L 652	(A,103,84) Inductor	CTF1376	L 719	(B,170,150) Inductor	CTF1334
, 14	(A,104,136) Didde	N332032	L 110	(B, 106,36) Inductor	C1F1336			L 052	(A, 103,64) inductor	CIFISS	L /19	(B, 170, 150) inductor	C1F1334
15	(B,100,128) Diode	HZU7R5(B3)	L 111	(B.106,23) Inductor	CTF1556			L 653	(A,103,81) Inductor	CTF1467	L 721	(A,36,114) Inductor	CTF1306
316	(B.61,118) Diode	UDZS18(B)	L 112	(B,108,55) Inductor	CTF1556			L 654	(A,102,84) Inductor	CTF1306	L 722	(A,36,122) Inductor	CTF1306
17	(B,71,93) Diode	UDZS20(B)	L 113	(B,109,60) Inductor	CTF1557			L 660	(A,25,83) Inductor	CTF1463	L 723	(A,22,112) Inductor	CTF1306
318													
	(A,20,51) Diode	RB060L-40	L 114	(B,109,55) Inductor	CTF1557			L 661	(A,26,85) Inductor	CTF1386	L 724	(A,24,112) Inductor	CTF1306
320	(B,61,131) Diode	S1G-6904G2P	L 201	(A,127,29) Inductor	CTF1556	_	_	L 662	(A,26,87) Inductor	CTF1306	L 725	(A,25,112) Inductor	CTF1306
24	(B,64,137) Diode	188355	1 000	(A 96 40) Industry	CTF4550	В	В		(A 00 00) to to to	OTE 4000	1 700	(4.07.400) 1.4	0771000
21			L 203	(A,86,10) Inductor	CTF1556			L 663	(A,26,89) Inductor	CTF1306	L 726	(A,37,122) Inductor	CTF1306
22	(B,64,133) Diode	155355	L 204	(A,105,45) Inductor	CTF1488			L 665	(B,18,90) Inductor	CTF1306	L 727	(A,25,121) Inductor	CTF1306
28	(B.51,133) Diode	S1G-6904G2P	Ł 205	(A,124,21) Inductor	CTF1556			L 667	(B,15,90) Inductor	CTF1467	L 732	(A,158,139) Inductor	CTF1295
30	(B,96,138) Diode	RB500V-40	L 206	(A,89,45) Inductor	CTF1556			L 668	(B,18,91) Inductor	CTF1334	L 733	(A,157,141) Inductor	CTF1295
31	(B,96,136) Diode	RB500V-40	L 207	(A,95,43) Inductor	CTF1379			L 669	(B,15,92) Inductor	CTF1306	L 734	(A,157,143) Inductor	CTF1295
	44.000.00	0.00.000				_	_						
832	(A,8,68) Diode	S1G-6904G2P	L 301	(A,141,19) Inductor	CTF1557			L 670	(B,18,93) Inductor	CTF1306	L 735	(B,145,148) Inductor	CTF1295
833	(B,57,150) Diode	1SS400	L 302	(A,145,13) Inductor	CTF1557			L 671	(A,26,90) Inductor	CTF1306	L 736	(B,143,148) Inductor	CTF1295
971	(B,13,119) Diode	RB751V40	L 305	(A,103,54) Inductor	CTF1556			L 672	(B,15,94) Inductor	CTF1306	L 737	(B,141,144) Inductor	CTF1295
972	(B,13,121) Diode	RB751V40	L 306	(A,90,61) Inductor	CTF1556			L 673	(A,26,92) Inductor	CTF1306	L 738	(B,139,144) Inductor	CTF1295
973	(B,14,117) Diode	HZU8R2(B1)	L 307	(A,90,65) Inductor	CTF1556			L 674	(B,18,95) Inductor	CTF1306	L 739	(B,138,148) Inductor	CTF1295
974	(B,12,122) Diode	UDZ12(B)	L 308	(A,110,59) Inductor	CTF1334	С	С	L 675	(A,26,94) Inductor	CTF1463	L 740	(B,136,148) Inductor	CTF1410
2404	(B,110,97) Diode	DAN202U	L 312	(A,121,52) Inductor	CTF1410	-	-	L 676	(B,16,98) Inductor	CTF1463	L 741	(A,145,140) Inductor	CTF1295
2405	(B,128,130) Diode	DAP202U	L 601	(B,53,97) Inductor	CTF1334			L 677	(B,27,96) Inductor	CTF1463	L 742	(A,142,140) Inductor	CTF1295
2406	(A,134,122) Diode	188355	L 602	(B,44,90) Inductor	CTF1334			L 678	(B,18,104) Inductor	CTF1463	L 744	(A,117,81) Inductor	CTF1334
2407	(A,134,129) Diode	UDZS4R7(B)	L 603	(B,44,93) Inductor	CTF1334			L 679	(A,27,107) Inductor	CTF1453	L 745	(A,152,141) Inductor	CTF1334
									,,,		•	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
2408	(B,142,109) Diode	DAP202U	L 604	(A,44,88) Inductor	CTF1334		_	L 680	(B,28,101) Inductor	CTF1463	L 746	(A,153,141) Inductor	CTF1334
2409	(B,23,111) Diode	UDZS8R2(B)	L 605	(B,158,135) Inductor	CTF1334			L 681	(A,42,114) Inductor	CTF1306	L 748	(A,148,141) Inductor	CTF1334
2410	(B,24,120) Diode	DAN202U	L 606	(A,126,91) Inductor	CTF1334			L 682	(A,40,114) Inductor	CTF1357	L 749	(A,150,141) Inductor	CTF1334
2411	(B,27,119) Diode	DAN202U	L 607	(A,131,86) Inductor	CTF1334			L 683	(A.40.121) Inductor	CTF1357	L 751	(B,85,106) Inductor	CTF1334
2412	(B,34,120) Diode	DAN202U	L 610	(B,56,94) Inductor	CTF1334	,		L 684	(A,39,114) Inductor	CTF1357	L 753	(B,95,111) Inductor	LCTAW680J3225
						•			,		55	/	
2413	(B,29,122) Diode	DAN202U	L 613	(B,44,106) Inductor	CTF1334			L 685	(A,37,114) Inductor	CTF1357	L 754	(B,91,94) Inductor	CTF1334
2551	(A,13,146) Diode	UDZS6R8(B)	L 616	(B,48,106) Inductor	CTF1334	Ď	D	L 686	(A,73,114) Inductor	CTF1306	L 755	(A,102,122) Inductor	CTF1334
701	(B,37,27) Diode	1SS355	L 617	(B,50,87) Inductor	CTF1334		-	L 687	(A,82,117) Inductor	CTF1306	L 756	(B,18,86) Inductor	CTF1306
2702	(B,63,8) Diode Network	DA204U	L 619	(A,129,84) Inductor	CTF1306			L 688	(A.34.114) Inductor	CTF1357	L 757	(B,15,87) Inductor	CTF1306
703	(B,51,28) Diode Network	DA204U	L 620	(A,128,81) inductor	CTF1306			L 689	(A,34,122) Inductor	CTF1306	L 757	(B,18,88) Inductor	CTF1306
				, , , , , , , , , , , , , , , , , , , ,				_ 000	, ,,- ,,, ,,,,,,,,,,,,,,,,,,,,,,,,,	3	2 .30	(4, 10,00) 1100000	0
704	(B,48,14) Diode	UDZS5R6(B)	L 621	(A,129,81) Inductor	CTF1306			L 690	(A.33,114) Inductor	CTF1334	L 759	(A,111,121) Inductor	CTF1334
705	(A,50,21) Diode Network	DA204U	L 622	(A,127,84) Inductor	CTF1384			L 691	(A,33,122) Inductor	CTF1334	L 760	(B,84,88) Inductor	CTF1334
706	(A,50,10) Diode Network	DA204U	L 623	(A,127,81) Inductor	CTF1387		1	L 692	(A,80,122) Inductor	CTF1306	L 761	(B,95,119) Inductor	LCYC2R2K1608
707	(A,50,13) Diode Network	DA204U	L 624	(A,125,84) Inductor	CTF1334			L 693	(A,31,114) Inductor	CTF1384	L 762	(B,110,116) Inductor	LCYC2R2K1608
08	(A,50,15) Diode Network	DA204U	L 625	(A,98,83) Inductor	CTF1306			L 694	(A,78,122) Inductor	CTF1306	L 763	(B,92,115) Inductor	LCYC2R2K1608
			- 323	(1,00,00) inductor	0.1.1500			L 034	(ALICATES) HIGHWAN	511 1500	L 703	(D,32,113) INDUCAD	LC I CZRZN 1008
09	(B,51,23) Diode Network	DA204U	L 626	(A,96,83) Inductor	CTF1306			L 695	(A.30,121) Inductor	CTF1463	L 764	(B,77,120) Inductor	LCYC2R2K1608
710	(B,51,25) Diode Network	DA204U	L 627	(A,128,84) Inductor	CTF1306			L 696	(A,77,122) Inductor	CTF1306	L 765	(A,80,106) Inductor	LCYC2R2K1608
711	(A,50,18) Diode Network	DA204U	L 628	(A,124,84) Inductor	CTF1306	_	_		(A,78,114) Inductor	CTF1306			
712	(B,35,97) Diode	HZU8R2(B1)	L 629	(A,125,81) Inductor	CTF1306	E	Е	L 697			L 766	(B,114,116) Inductor	LCYC2R2K1608
2713	(B,35,95) Diode	HZU5R6(B2)	L 630	(A,125,81) Inductor (A,131,84) Inductor	CTF1306			L 698	(A,29,109) Inductor	CTF1629	L 767	(A,32,106) Inductor	CTF1334
	(5,50,50) 5000	1203(0(02)	L 630	(n,131,04) INDUCTOR	C1F1300			L 699	(A,66,115) Inductor	CTF1334	L 768	(A,30,106) Inductor	CTF1334
2714	(B,45,21) Diode	DAP202U	L 631	(A,122,81) Inductor	CTF1334			1 700	(A 56 420) I-4	CTE1206		/A 404 400:	0754455
715	(B,38,22) Diode	DAP202U	L 632	(A,121,84) Inductor	CTF1334			L 700	(A,56,122) Inductor	CTF1306	L 771	(A,131,136) Inductor	CTF1453
321	(A,163,135) Diode	RB500V-40						L 701	(A,18,110) Inductor	CTF1629	L 772	(A,128,136) Inductor	CTF1453
	(B,132,17) Inductor		L 633	(A,121,81) Inductor	CTF1334			L 702	(B,61,149) Inductor	LCYC2R2K1608	L 793	(A,131,81) Inductor	CTF1334
		CTF1558	L 634	(A,120,84) Inductor	CTF1334	-	•	L 703	(A,57,114) Inductor	CTF1306	L 794	(A,102,81) Inductor	CTF1306
	(B,147,18) Inductor	CTF1558	L 635	(A,122,84) Inductor	CTF1306			L 704	(A,55,122) Inductor	CTF1306	L 795	(A,100,84) Inductor ·	CTF1306
1	(A,158,17) Inductor	CTF1410	L 636	(A,105,87) Inductor	CTF1334			1 705	/A EE 444\ 1-2	CTE420C		44 400 04: 1: 1:	
5	(A,139,33) Inductor	CTF1556						L 705	(A,55,114) Inductor	CTF1306	L 796	(A,100,81) Inductor	CTF1306
,	(A,139,35) Inductor (A,128,35) Inductor		L 637	(A,120,81) Inductor	CTF1306			L 706	(A,53,122) Inductor	CTF1306	L 801	(A,12,54) Inductor	CTH1254
,		CTF1295	L 638	(A,118,84) Inductor	CTF1306			L 707	(A,54,114) Inductor	CTF1306	L 802	(A,16,68) Inductor	CTH1257
	(B,162,55) Inductor	CTF1558	L 639	(A,118,81) Inductor	CTF1306	F	F	L 708	(A,52,122) Inductor	CTF1306	L 803	(A,41,49) Inductor	CTH1254
3	(A,149,68) Inductor	CTF1556	L 640	(A,117,84) Inductor	CTF1306			L 709	(A,52,114) Inductor	CTF1306	L 804	(A,41,68) Inductor	CTH1255
	44 420 40)	0774											
101 102	(A,132,16) Inductor	CTF1557	L 641	(A,124,81) Inductor	CTF1306			L 710	(A,51,114) Inductor	CTF1306	L 805	(A,75,48) Inductor	CTH1257
12	(A,134,12) Inductor	CTF1557	L 644	(A,115,84) Inductor	CTF1306			L 711	(A,49,114) Inductor	CTF1306	L 806	(A,77,68) Inductor	CTH1257
			Com March Con thinks			153		154			NED COLUMN		

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Cir	cuit Symbol and No.	Part No.	Circ	uit Symbol and No.	Part No.			c	ircuit Symbol and No.	Part No.	Cir	rcuit Symbol and No.	Part No.
807	(A,89,147) Inductor	CTH1262	∱FU813	(A,83,47) Fuse 2.5A	CEK1285			R 54	(B.84.28)	RS1/16SS101J	R 169	(A,125,64)	RS1/16S473J
808	(A.28,65) Inductor	CTH1253	∱FU814	(B,61,106) Fuse 250mA	CEK1276			R 55	(B,84,30)	RS1/16SS101J	R 170	(A,111,66)	
809	(A,63,65) Inductor	CTH1253	∆FU815	(A,136,133) Fuse 1A	CEK1280		_	K 33	(8,84,30)	K91/10991013	H 170	(A,111,66)	RS1/16S473J
	•		25. 00.0	(1,130,130) 1 430 171	OLIVIZOO	A	Α	R 57	(B,84,29)	RS1/16SS101J	R 171	(A,114,66)	RS1/16S473J
810	(A,90,136) Choke Coil 100µH	CTH1315	∱FU971	(A,15,119) Fuse 375mA	CEK1277			R 59	(B.83.31)	RS1/16SS101J	R 172	(A,112,66)	RS1/16S473J
811	(B,58,134) Inductor	CTF1556	 ∆FU2701	(B,31,106) Fuse 250mA	CEK1276			R 60	(B.84.32)	RS1/16SS101J	R 174	(A,112,66) (A,126,67)	RS1/16S473J
812	(A,65,73) Inductor	CTF1453	EF731	(B.151.148) EMI Filter	CCG1082			R 61	(A,60,36)	RS1/16SS0R0J	R 175	(A,126,68)	RS1/16S473J
815	(B,61,136) Inductor	CTF1556	EF732	(B,148,148) EMI Filter	CCG1082			R 62	(B,84,34)	RS1/16SS101J	R 176	(A,126,57)	RS1/16S0R0J
816	(B,31,26) Inductor	CTF1306	EF733	(B,142,137) EMI Filter	CCG1067			11 02	(0,04,34)	N3 1/ 1033 1013	K 170	(A, 120,57)	N31/1030NW
				(=, : =, :=:, =:::::::::::::::::::::::::	000.00.			R 63	(B,84,33)	RS1/16SS101J	R 177	(A.121.66)	RS1/16S473J
817	(A,40,80) Inductor	LCKBW1R0M2520	EF734	(B,142,134) EMI Filter	CCG1067			R 64	(B,86,38)	RS1/16SS101J	R 178	(A,121,67)	RS1/16S473J
818	(A,29,83) Inductor	LCYA220J2520	EF735	(B,151,138) EMI Filter	CCG1067			R 65	(B,84,36)	RS1/16SS101J	R 179	(A,115,63)	RS1/16S473J
981	(B,73,81) Inductor	CTF1453	EF736	(B,153,138) EMI Filter	CCG1067			R 66	(A,60,41)	RS1/16SS101J	R 180	(A,149,66)	RS1/16S101J
982	(B,74,32) Inductor	CTF1463	EF801	(A,96,137) EMI Filter	CCG1172			R 67	(A,61,41)	RS1/16SS101J	R 181	(A,119,56)	RS1/16S473J
983	(B,63,33) Inductor	CTF1463	EF802	(A,78,144) EMI Filter	CCG1172				(40 ., ,			(, 1, 10,00)	110 11 100 17 00
						В	В	R 68	(A,62,41)	RS1/16SS101J	R 182	(A.121.56)	RS1/16S473J
984	(A,93,79) Inductor	CTF1463	EF803	(A,80,153) EMI Filter	CCG1172	_	_	R 69	(A,63,41)	RS1/16SS101J	R 183	(A,119,63)	RS1/16S473J
985	(A,93,86) Inductor	CTF1463						R 70	(A,64,41)	RS1/16SS101J	R 184	(A,119,59)	RS1/16S473J
2402	(B,116,91) Inductor	CTF1306	RESISTO	RS				R 71	(A,65,41)	RS1/16SS101J	R 185	(A,116,63)	RS1/16S473J
2404	(A,148,105) Inductor	LCYA2R2J2520						R 72	(A,66,41)	RS1/16SS101J	R 186	(A,118,59)	RS1/16S473J
2551	(A,12,143) Inductor	CTF1379	R 1	(B,131,34)	RS1/16S0R0J								
			R 3	(B,131,37)	RS1/16S0R0J	_		R 73	(A,67,41)	RS1/16SS101J	R 187	(A,116,59)	RS1/16S473J
2554	(B.35,115) Inductor	CTF1334	R 5	(A,115,59)	RS1/16S473J			R 74	(A,68,41)	RS1/16SS101J	R 188	(A,111,69)	RS1/16S473J
2555	(B,35,111) Inductor	CTF1334	R 6	(A,121,63)	RS1/16S473J			R 75	(A,69,41)	RS1/16SS101J	R 189	(A,112,69)	RS1/16S473J
2601	(B,160,104) Inductor	CTF1334	R 7	(A,157,48)	RS1/16S220J			R 76	(A,70,41)	RS1/16SS101J	R 190	(A,114,69)	RS1/16S473J
2701	(B,48,16) Inductor	CTF1399						R 77	(A,71,41)	RS1/16SS101J	R 191	(B,130,65)	RS1/16S473J
2702	(B,39,28) Inductor	CTF1334	R 8	(A,120,70)	RS1/16S473J								
0700			R 10	(A,153,70)	RS1/16S104J			R 78	(A,72,41)	RS1/16SS101J	R 192	(A,118,63)	RS1/16S473J
2703	(B,42,88) Inductor	CTF1334	R 11	(A,155,70)	RAB4C473J	С	С	R 79	(A,73,41)	RS1/16SS101J	R 193 '	(A,128,66)	RS1/16S473J
2704	(B,54,11) Inductor	CTF1306	R 12	(A,145,67)	RS1/16S105J	•	•	R 80	(A,74,41)	RS1/16SS101J	R 194	(A,150,68)	RS1/16S390J
2705	(B,56,11) Inductor	CTF1306	R 13	(A,143,67)	RS1/16S151J			R 81	(A,75,41)	RS1/16SS101J	R 196	(A.116.69)	RS1/16S473J
2706	(B,57,11) Inductor	CTF1306						R 82	(A,76,41)	RS1/16SS101J	R 201	(A,124,41)	RN1/16SE15020
2707	(B,55,18) Inductor	CTF1306	R 14	(B,147,34)	RS1/16S0R0J								
0700	(D.00.0T) 1 1 1		R 16	(B,147,37)	RS1/16S0R0J			R 84	(B,84,37)	RS1/16SS562J	R 202	(A,124,40)	RN1/16SE12020
2708	(B,60,27) Inductor	CTF1306	R 19	(A,121,68)	RS1/16S473J			R 85	(B,85,31)	RS1/16SS103J	R 210	(A,103,43)	RS1/16S104J
2709	(B,55,23) Inductor	CTF1306	R 20	(A,135,69)	RS1/16S101J	•		R 87	(B, 160,63)	RS1/16S104J	R 211	(A,102,43)	RS1/16S104J
2710	(B,55,27) Inductor	CTF1306	R 21	(A, 139,67)	RS1/16S101J			R 88	(B,132,49)	RS1/16S104J	R 212	(A,94,43)	RS1/16S104J
2711	(B,51,30) Inductor	CTF1306		(*,,,	110111001010			R 89	(B,137,46)	RS1/16S0R0J	R 213	(A,93,43)	RS1/16S104J
2712	(B,33,15) Inductor	CTF1334	R 22	(A,137,69)	RS1/16S101J				(2,131,13)	710 77 70001 100		(1,50,10)	110111001040
			R 23	(B,137,60)	RS1/16S105J			R 90	(B.137.45)	RS1/16S0R0J	R 217	(A,125,36)	RS1/16S272J
2713	(B.37,17) Inductor	CTF1334	R 24	(B.137.62)	RS1/16S151J			R 93	(B.135.44)	RS1/16S153J	R 220	(A,126,9)	RS1/16S223J
2714	(A,43,22) Inductor	CTF1334	R 25	(A,134,69)	RS1/16S101J	D	D	R 94	(B,138,44)	RS1/16S153J	R 221	(A.126.26)	RS1/16S105J
2715	(A,39,22) Inductor (EW)	CTF1334	R 26	(A,138,69)	RS1/16S101J	U		R 95	(B,134,49)	RS1/16S153J	R 222	(A,126,17)	RS1/16S151J
2716	(B.51,20) Inductor	CTF1334		(, , , , , , , , , , , , , , , , , , ,	110111001010			R 96	(B,134,48)	RS1/16S153J	R 224	(A,84,16)	RS1/16S0R0J
2717	(B,58,7) Inductor	CTF1306	R 27	(A.135.67)	RS1/16S101J				(=,,,			(, 10.11.0)	1101110001100
			R 28	(A,137,67)	RS1/16S101J			R 97	(A.123.56)	RS1/16S473J	R 225	(A.122.9)	RS1/16S104J
2800	(B,160,133) Inductor	CTF1305	R 29	(A,134,67)	RS1/16S101J			R 98	(A,159,61)	RS1/16S473J	R 226	(A,123,9)	RS1/16S104J
1601	(A,138,88) Thermistor	CCX1056	R 30	(A,132,67)	RS1/16S101J	_	_	R 101	(B,107,36)	RS1/16S473J	R 227	(A,84,19)	RS1/16S104J
1	(A,143,72) Radiator 30.000MHz	CSS1633	R 31	(A,133,69)	RS1/16S101J			R 102	(B,107,21)	RS1/16S473J	R 228	(A,85,19)	RS1/16S104J
2	(B,135,61) Radiator 33.000MHz			,,				R 103	(B,105,59)	RS1/16S473J	R 229	(B,119,17)	RS1/16S560J
}	(B,161,49) Radiator 33.8688MH;	CSS1551	R 32	(B,137,53)	RS1/16S473J							1	
			R 33	(A,131,69)	RS1/16S473J			R 104	(A,136,23)	RS1/16S220J	R 230	(A,85,14)	RS1/16S104J
02	(A,127,22) Radietor 14.31818MHz		R 34	(B,158,50)	RS1/16S223J			R 151	(B,131,33)	RS1/16S0R0J	R 232	(A.86,14)	RS1/16S104J
01	(A,47,88) Radiator 10.0MHz		R 35	(A,127,49)	RS1/16S104J			R 152	(B,163,35)	RS1/16S0R0J	R 237	(B.117.17)	RS1/16S104J
751	(A,79,111) Semi-fixed 1k1(OB)		R 36	(A,126,59)	RS1/16S101J	E	E	R 153	(B,146,44)	RS1/16S471J	R 238	(B,118,17)	RS1/16S330J
U691	(B,167,151) Fuse 2.5A	CEK1285		,,		_	-	R 154	(A,120,58)	RS1/16S473J	R 240	(A,119,8)	RS1/16S104J
U692	(B,160,140) Fuse 2A	CEK1284	R 37	(A,126,61)	RS1/16S101J							v 4elek	
			R 38	(A,126,62)	RS1/16S101J			R 155	(A,118,56)	RS1/16S473J	R 301	(A,140,19)	RS1/16S123J
U801	(A,59,120) Fuse 1.25A	CEK1255	R 39	(A,126,63)	RS1/16S101J			R 156	(A,110,66)	RS1/16S473J	R 302	(A,140,22)	RS1/16S103J
U802	(A,9,63) Fuse 4A	CEK1288	R 40	(A,126,46)	RS1/16S470J			R 157	(A,115,66)	RS1/16S473J	R 303	(A,141,17)	RS1/16S473J
U803		CEK1277	R 45	(B,130,56)	RS1/16S104J	_	_	R 158	(A,122,52)	RS1/16S473J	R 320	(A,111,57)	RS1/16S103J
U804	(A,24,72) Fuse 2.5A	CEK1285				•		R 159	(B,130,57)	RS1/16S473J	R 329	(A,114,54)	RS1/16SS821J
U805	(A,62,72) Fuse 2.5A	CEK1285	R 46	(B,131,62)	RS1/16S104J			_				,	
11000	4.00 447 5		R 47	(B,161,47)	RS1/16S104J			R 160	(A,124,61)	RS1/16S473J	R 330	(A.115.50)	RS1/16SS221J
U806	(A,63,117) Fuse 1A	CEK1254	R 48	(B,159,65)	RS1/16S104J			R 161	(A,110,69)	RS1/16S103J	R 331	(A.115.52)	RS1/16SS221J
U807	(A,40,83) Fuse 1A	CEK1280	R 49	(B.161.65)	RS1/16S104J			R 162	(B,136,57)	RS1/16S473J	R 332	(A,115,51)	RS1/16SS221J
U808	(B,46,120) Fuse 4A	CEK1260	R 50	(B, 162,65)	RS1/168104J			R 163	(A,126,58)	RS1/16S560J	R 333	(A,113,51) (A,103,61)	RS1/16SS4/2J
U809	(A,125,136) Fuse 2A	CEK1284				F	F	R 164	(A,116,66)	RS1/16S473J	R 334	(A,103,59)	RS1/16SS222J
U810	(A,97,132) Fuse 500mA	CEK1278	R 51	(B,84,25)	RS1/16SS101J	•	'		V 4		N 354	(~,100,00)	No 11 1033222J
			R 52	(B,84,26)	RS1/16SS101J			R 165	(A,126,70)	RS1/16S473J	R 335	(A 102 EQ)	DC4/4600000**
FU811	(A,86,73) Fuse 2A	CEK1284	R 53	(B,84,27)				R 166	(A,120,70) (A,108,69)	RS1/16S4/3J RS1/16S473J		(A,102,59)	RS1/16SS221J
FU812	(A,117,139) Fuse 250mA	CEK1276	17 33	(0,04,21)	RS1/16SS101J			R 167	(A, 100,09) (A, 121,64)	RS1/16S473J	R 336 R 349	(A,101,59)	RS1/16SS221J
		1815 (6)-10	Mar Sale Marie					156	(A, 121,OF)		17 349	(B,161,44)	RS1/16S473J
						155							

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<u>Çir</u> 350	cult Symbol and No. (B,152,43)	Part No. RS1/16S473J	R 661	cult Symbol and No. (A,43,88)	Part No. RS1/16SS681J			R 777	cuit Symbol and No. (A,90,110)	Part No. RS1/16S750J	R 865	rcult Symbol and No. (B,29,70)	Part No. RS1/16S100J
356	(A,114,56)	RS1/16S0R0J	R 662	(A,42,88)	RS1/16SS681J			R 778	(A,80,107)	RS1/16S681J	R 866	(B,26,58)	RS1/16S104J
						Α	Α						
360	(B,101,61)	RS1/16SS473J	R 663	(A,41,88)	RS1/16SS681J			R 779	(A,81,114)	RS1/16S302J	R 867	(B,65,45)	RS1/16S473J
361	(B,101,48)	RS1/16SS473J	R 664	(B,39,103)	RS1/16SS681J			R 780	(B,81,111)	RS1/16S102J	R 868	(B,67,71)	RS1/16S100J
362 363	(B,101,60) (B,101,49)	RS1/16SS473J RS1/16SS473J	R 665 R 666	(A,38,110) (A.42.110)	RAB4C681J RAB4C681J			R 781 R 782	(A,107,81) (B.85,117)	RS1/16S0R0J RS1/16S105J	R 869 R 870	(B,61,58) (B,62,42)	RS1/16S104J RS1/16S473J
363 364	(B,101,49) (B,101,52)	RS1/16SS473J	R 667	(A,42,110) (A,45,109)	RS1/16SS681J			R 782	(B,85,117) (B,91,118)	RS1/16S105J	R 873	(B,42,57)	RS1/10S473J RS1/10S150J
	(=,,)			(-1,10,100)			_		(=,=,,)			(-, -,-,-,	
365	(B,101,51)	RS1/16SS473J	R 668	(A,24,127)	RS1/16S104J			R 784	(B,102,113)	RS1/16S105J	R 874	(B,31,51)	RS1/16S224J
366	(B,101,50)	RS1/16SS473J	R 670	(B,41,105)	RS1/16SS103J			R 785	(B,83,118)	RS1/16S105J	R 875	(B,31,66)	RS1/16S224J
367 368	(B.103,49) (B.103,51)	RS1/16SS473J RS1/16SS473J	R 671 R 672	(B,41,103) (A,35,110)	RS1/16SS103J RS1/16SS681J			R 794 R 795	(A,75,105) (A,77,103)	RS1/16S563J RS1/16SS102J	R 876 R 877	(B,42,61) (B,77,57)	RS1/10S150J RS1/10S150J
369	(B,101,59)	RS1/16SS473J	R 673	(B,41,104)	RS1/16SS102J			R 796	(A,75,103)	RS1/16S563J	R 878	(B,66,51)	RS1/16S224J
000	(5,101,00)	1101110004100	11 0/0	(0,41,104)	1101/10001020			11 730	(7,13,103)	11017100000	11 070	(5,55,51)	110 1/1002240
370	(A,93,72)	RS1/8S0R0J	R 674	(B.41,102)	RS1/16SS102J	В	В	R 805	(B,25,28)	RS1/16S151J	R 879	(B,66,65)	RS1/16S224J
601	(A,138,87)	RS1/16S1803D	R 675	(A,34,99)	RS1/16SS681J			R 806	(B,23,26)	RS1/16S151J	R 880	(B,77,61)	RS1/10S150J
602	(B,51,100)	RS1/16SS473J	R 676	(A,37,91)	RS1/16SS681J			R 807	(B,51,35)	RS1/16S470J	R 884	(B,91,147)	RS1/4S561J
603 604	(A,131,91) (A,34,94)	RS1/16SS473J RS1/16SS0R0J	R 687 R 691	(A,51,122) (B,157,149)	RS1/16S470J RS1/16S471J			R 808 R 810	(B,50,35) (B,70,32)	RS1/16S103J RS1/16S0R0J	R 885 R 886	(B,91,150) (B,85,144)	RS1/4S561J RS1/16S103J
~~	(\sigma\.eq)	1131710330100	I. 091	(3,137,179)	1431/1034/13			K 010	(3,10,32)	AS II TOSURUJ	M 000	(0,03,144)	110111001000
606	(A,38,88)	RAB4C681J	R 692	(B,159,149)	RS1/16S471J	_	_	R 812	(B,53,35)	RS1/16S470J	R 891	(B,111,138)	RS1/16S1101D
607	(A,126,86)	RS1/16SS473J	R 693	(A,171,139)	RS1/16S681J	•		R 813	(B,56,106)	RS1/16S0R0J	R 892	(B,109,140)	RS1/16S6800D
608	(B,156,135)	RS1/16S563J	R 694	(A,167,139)	RS1/16S681J			R 814	(A,82,96)	RS1/16S0R0J	R 893	(B,111,129)	RS1/8S102J
609	(B,155,133)	RS1/16S104J RS1/16S473J	R 695 R 696	(A,170,139)	RS1/16S681J RS1/16S681J			R 817 R 819	(B,25,30)	RS1/16S103J RS1/8S181J	R 894 R 895	(B,113,140) (B,111,132)	RS1/16S471J RS1/8S102J
610	(B,152,132)	No 1/1004/3J	14 090	(A,165,139)	N31/103081J			K 919	(B,40,85)	L91/991913	W 092	(D,111,132)	NO 1/00 102J
611	(B,155,135)	RS1/16S472J	R 697	(A,168,139)	RS1/16S681J			R 820	(B,40,83)	RS1/8S181J	R 896	(B,104,129)	RS1/16S103J
614	(A,34,103) (UC)	RS1/16SS473J	R 711	(B,63,156)	RS1/16S102J	С	С	R 821	(A,32,83)	RS1/16S103J	R 901	(B,148,122)	RS1/16S224J
615	(A,34,102) (EW)	RS1/16SS473J	R 712	(B,66,152)	RS1/16S472J	_		R 824	(B,60,34)	RS1/16S0R0J	R 902	(B,38,122)	RS1/16S473J
616 617	(A,46,109)	RS1/16SS681J	R 715	(B,64,149)	RS1/16S472J			R 825	(A,89,55)	RS1/10S360J	R 903	(B,40,116)	RS1/16S223J
01/	(A,41,86)	RS1/16S0R0J	R 716	(B,60,150)	RS1/16S153J			R 826	(A,89,57)	RS1/10S360J	R 904	(B,39,116)	RS1/16S223J
618	(B,40,100)	RS1/16SS473J	R 730	(B,74,102)	RS1/16S0R0J			R 827	(A,89,53)	RS1/16S103J	R 905	(B,26,82)	RS1/10S472J
620	(B,49,97)	RS1/16SS473J	R 732	(B,146,144)	RS1/16S102J	_	_	R 829	(A,119,138)	RS1/16S475J	R 906	(B,30,82)	RS1/16S223J
622	(A,46,113)	RS1/16SS473J	R 733	(B,147,145)	RS1/16S102J			R 830	(B,9,52)	RS1/16S101J	R 911	(B,62,119)	RS1/16S474J
623	(A,48,110)	RAB4C681J	R 734	(A,140,140)	RS1/16S102J			R 831	(B,8,52)	RS1/16S1600D	R 912	(B,116,140)	RS1/16S472J
625	(A,35,106)	RS1/16S473J	R 735	(A,138,140)	RS1/16S102J			R 832	(B,8,54)	RS1/16S5601D	R 913	(B,121,138)	RS1/16S102J
626	(A,52,110)	RAB4C681J	R 736	(A,137,140)	RS1/16S0R0J			R 833	(B,9,56)	RS1/16S1001D	R 914	(B,62,111)	RS1/16S473J
627	(A,60,95)	RS1/16SS473J	R 737	(A,135,140)	RS1/16S102J			R 834	(B,9,70)	RS1/16S331J	R 915	(B,66,119)	RS1/16S473J
628	(A,35,100)	RS1/16SS473J	R 738	(B,141,148)	RS1/16S681J	D	D	R 835	(B,15,70)	RS1/16S154J	R 916	(B,64,119)	RS1/16S473J
629	(A,58,95)	RS1/16SS473J	R 739	(B,140,148)	RS1/16S681J			R 836	(B,31,49)	RS1/16S3300D	R 917	(B,66,98)	RS1/16S0R0J
631	(A,132,84)	RS1/16S681J	R 751	(B,102,93)	RS1/16SS101J			R 837	(B,27,48)	RS1/16S101J	R 918	(B,67,99)	RS1/16S471J
632	(A,37,107)	RS1/16SS473J	R 752	(B,104,94)	RS1/16SS101J			R 838	(B,27,49)	RS1/16S3001D	R 919	(A,112,138)	RS1/16S475J
633	(A,57,90)	RS1/16SS473J	R 753	(B,106,96)	RS1/16SS101J			R 839	(B,25,49)	RS1/16S1001D	R 920	(B,68,133)	RS1/16S101J
634	(B,54,112)	RS1/16S473J	R 754	(B,97,95)	RS1/16S222J			R 840	(B,26,51)	RS1/16S102J	R 921	(B,62,117)	RS1/16S103J
636 637	(B.56,110)	RS1/16S473J	R 755	(B,90,96)	RS1/16S222J		•	R 841	(B,26,54)	RS1/16S104J	R 922	(B,87,135)	RS1/16S0R0J
U3/	(B,12,89)	RS1/16S473J	R 756	(B,85,97)	RS1/16S103J			R 842	(B,31,67)	RS1/16S6800D	R 925	(A,69,109)	RS1/16S102J
640	(B,52,87)	RS1/16SS101J	R 757	(B,87,101)	RS1/16S272J			R 843	(B,27,67)	RS1/16S5601D	R 926	(A,69,110)	RS1/16S103J
641	(B,52,88)	RS1/16SS473J	R 758	(B,83,100)	RS1/16S272J			R 844	(B,25,68)	RS1/16S1001D	R 927	(B,68,131)	RS1/16S471J
642	(A,55,106)	RS1/16SS681J	R 759	(B,85,101)	RS1/16S0R0J			R 845	(B,27,69)	RS1/16S101J	R 928	(B,67,134)	RS1/16S103J
643	(A,57,99)	RS1/16SS681J	R 760	(B,81,103)	RS1/16S301J	Ε	E	R 846	(B,26,66)	RS1/16S102J	R 929	(B,63,135)	RS1/10S103J
644	(B,49,99)	RS1/16SS681J	R 761	(B,83,94)	RS1/16S1000D			R 847	(B,66,48)	RS1/16S5600D	R 936	(B,66,91)	RS1/16S820J
645	(A,57,97)	RS1/16SS681J	R 762	(B,96,108)	RN1/16SE2002D			R 848	(B,63,48)	RS1/16S2401D	R 937	(B,69,91)	RS1/16S820J
646	(A,57,93)	RAB4C681J	R 763	(B,93,108)	RS1/16S473J			R 849	(B,63,49)	RS1/16S101J	R 938	(B,114,138)	RS1/16S561J
648	(A,55,88)	RS1/16SS681J	R 764	(B, 104, 108)	RS1/16S75R0D			R 850	(B,60,49)	RS1/16S1601D	R 939	(B,8,49)	RS1/16S0R0J
649	(A,54,88)	RS1/16SS681J	R 765	(B,102,108)	RS1/16S75R0D			R 851	(B,61,51)	RS1/16S152J	R 940	(B,31,47)	RS1/16S0R0J
650	(B,57,91)	RS1/16SS104J	R 766	(B,101,108)	RS1/16S75R0D	•	•	R 852	(B,66,69)	RS1/16S1200D	R 941	(B,33,68)	RS1/16S0R0J
651	(B,63,93)	RS1/16S681J	R 767	(B.99.108)	RS1/16S750J			R 853	(B,63,69)	RS1/16S1001D	R 942	(B,66,46)	RS1/16S0R0J
653	(A,138,84)	RS1/16S2003F	R 768	(B,84,104)	RS1/16S62R0D			R 854	(B,61,53)	RS1/16S104J	R 943	(B,68,68)	RS1/16S0R0J
654	(A,34,105)	RS1/16SS473J	R 769	(B,106,119)	RS1/16S105J			R 855	(B,63,68)	RS1/16S101J	R 944	(B,26,63)	RS1/16S104J
655	(A,55,109)	RS1/16SS681J	R 770	(B,87,122)	RS1/16S101J			R 858	(B,60,68)	RS1/16S1001D	R 945	(B,61,63)	RS1/16S104J
657	(A,54,85)	RS1/16S104J	R 772	(B,103,115)	RS1/16S105J	F	F	R 857	(B,61,66)	RS1/16S152J	R 946	(B,37,116)	R\$1/16S4701D
658	(A,35,97)	RS1/16SS101J	R 773	(A,106,98)	RS1/16S750J			D 050	(D 24 67)	DC4/46C4004	D 000	(A 70.05)	D044400430 :
659	(A,51,88)	RAB4C681J	R 774	(A,106,98) (B,96,115)	RS1/16S/50J RS1/16S101J			R 858 R 859	(B,21,67) (B,16,57)	RS1/16S100J RS1/16S184J	R 952 R 954	(A,78,95) (B,57,149)	RS1/16S473J RS1/16S103J
660	(A.43,87)	RS1/16SS104J	R 776	(A,123,121)	RS1/16S750J			R 861	(B,9,47)	RS1/10S100J	R 962	(A,31,95)	RS1/16S103J

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971	(B,17,127)	Part No. RS1/16S824J		cuit Symbol and No.	Part No.				cuit Symbol and No.	Part No.	CI	rcuit Symbol and No.	Part No
972			R 2478	(B,143,101)	RS1/16S472J			R 2701	(B,49,30)	RS1/16S222J			
9/2	(B,16,131)	RS1/16S102J	R 2479	(B,143,103)	RS1/16S472J			R 2702	(B.58.9)	RS1/16S222J	C 21	(B,148,23)	CKSRYB10
			R 2480	(B,145,119)	RS1/16S472J	Α	Α	R 2706	(B,53,18)	RS1/16S222J	C 22	(B.148.25)	CKSRYB10
973	(B,21,125)	RS1/16S472J					^	2.00	(5,55,10)	TIO II TOOLLLD	C 23	(B,148,30)	CKSRYB10
974	(B,18,122)	RS1/8S271J	R 2481	(B,143,115)	RS1/16S472J			R 2707	(B,54,23)	DC4/4004001			
975	(B,18,119)	RS1/8S751J	R 2482	(B,143,106)						RS1/16S102J	C 24	(B,148,41)	CKSRYB10
977	(B,30,126)				RS1/16S472J			R 2708	(B,53,27)	RS1/16S102J	C 25	(A,141,37)	CKSRYB10
		RS1/16S103J	R 2483	(B,143,112)	RS1/16S472J			R 2710	(A,46,20)	RS1/16S102J			
978	(B,32,126)	RS1/16S103J	R 2484	(B,146,104)	RS1/16S472J			R 2711	(A,46,25)	RS1/16S102J	C 26	(A,141,66)	CKSRYB10
			R 2485	(B,146,114)	RS1/16S472J			R 2712	(B,51,19)	RS1/16S103J	C 27	(B.152.18) 10uF	CCG1171
979	(A,8,47)	RS1/10S0R0J							(5,51,15)	1101/1001000			
981	(A,48,72)	RS1/10S0R0J	R 2486	(B,148,103)	RS1/16S472J						C 28	(B,157,16)	CKSRYB1
982	(A,85,71)	RS1/10S0R0J	R 2487					R 2715	(B,35,14)	RS1/16S223J	C 29	(B,163,28)	CK\$RYB1
983				(B,149,116)	RS1/16S472J			R 2716	(B,43,26)	RS1/16S223J	C 30	(A,158,19)	CKSRYF1
	(B,14,44)	RS1/10S102J	R 2488	(B,148,101)	RS1/16S471J			R 2717	(B,35,13)	RS1/16S472J			
2403	(A,135,123)	RS1/16S102J	R 2489	(B,149,117)	RS1/16S471J			R 2718	(B.39.12)	RS1/16S103J	C 31	(B,132,59)	CCSRCH
			R 2492	(B,24,110)	RS1/16S223J			R 2719	(B,39,14)	RS1/16S223J	C 32	(B,132,63)	CCSRCHS
2404	(B,128,135)	RS1/16S473J	11 2102	(0,24,110)	N3 1/1032233	_		K 2/19	(6,39,14)	RS 1/16S2233			
2407	(B.128,126)	RS1/16SS473J				В	В				C 33	(A,136,37)	CKSRYB1
			R 2493	(B,25,114)	RS1/16S473J			R 2720	(B,40,12)	RS1/16S472J	C 35	(A,136,67)	CKSRYB1
2409	(B.131,133)	RS1/16S473J	R 2496	(B,31,112)	RS1/16S103J			R 2721	(A,36,15)	RS1/16S223J	C 36	(A,130,66)	CKSRYB1
2410	(B.131,128)	RS1/16SS473J	R 2497	(B,23,117)	RS1/4S102J			R 2722	(A,36,14)	RS1/16S472J	0 30	(7,130,00)	CASATE
2411	(B,133,135)	RS1/16S473J	R 2499	(B,23,123)	RS1/16S103J								
	(,,	110 11 100 11 00	R 2500					R 2723	(A,39,15) (EW)	RS1/16S223J	C 38	(A,135,33) 10µF	CCG1171
2416	(B,132,126)		R 2500	(B,24,126)	RS1/16S103J			R 2724	(A,39,14) (EW)	RS1/16S472J	C 39	(A,127,42)	CKSRYB
		RS1/16SS473J									C 40	(A,127,43)	CKSRYB1
2417	(B,109,103)	RS1/16S104J	R 2501	(B,29,142)	RS1/16S221J			R 2725	(A,43,13) (EW)	RS1/16S103J	C 41	(A,127,51)	CKSRYB
418	(B,110,107)	RS1/16S102J	R 2502	(B,26,139)	RS1/16S102J	_	_						
419	(B,133,123)	RS1/16SS473J	R 2503					R 2726	(A,42,15) (EW)	RS1/16S223J	C 42	(B,141,45)	CKSRYB
420	(B.133,138)			(B,31,142)	RS1/16S101J			R 2727	(A,39,23) (UC)	RS1/16S0R0J			
-20	(6,133,136)	RS1/16S473J	R 2551	(A,14,140)	RS1/16SS101J			R 2729	(A,42,13) (EW)	RS1/16S472J	C 44	(B,137,57)	CKSRYB
			R 2552	(A,15,143)	RS1/16SS621J			R 2730	(B,33,102)	RS1/16S471J	C 47	(B,145,66)	CKSRYB
421	(B,110,109)	RS1/16S473J						2.00	(5,55,102)	1131/1034/13	C 49	(B,144,45)	
422	(B,135,137)	RS1/16S473J	R 2553	(A,14,145)	RS1/16SS473J								CKSRYB
2423	(B,135,124)	RS1/16SS473J	R 2555			С	С	R 2731	(B,33,99)	RS1/16S471J	C 51'	(A,149,37)	CKSRYB:
424				(A, 10, 146)	RS1/16SS361J			R 2732	(A,38,25)	RS1/16S332J	C 54	(B.84,38)	CCSRCH
	(B,112,111)	RS1/16S473J	R 2556	(B,137,119)	RS1/16S473J			R 2733	(A.40,25)	RS1/16S332J		(=1-1,0-7)	
2425	(B,136,137)	RS1/16S473J	R 2557	(B,137,121)	RS1/16S473J			R 7021	(A,122,123)		0 **	(0.440.45)	040mm
			R 2558	(B,130,120)						RS1/16S820J	C 55	(B,148,45)	CKSRYB
2426	(B.136.124)	RS1/16SS473J	IX 2556	(B, 130, 120)	RS1/16SS473J			R 7037	(B,145,134)	RS1/16S101J	C 57	(B, 152, 45)	CKSRYB
2428		K51/16554/33									C 60	(B,153,66)	CKSRYB
	(B.116,114)	RS1/16S0R0J	R 2566	(A,128,105)	RS1/16SS101J			R 7038	(B,144,136)	RS1/16S101J	C 63	(B,158,47)	CKSRYB
2432	(B,119,105)	RS1/16S473J	R 2567	(A,128,106)	RS1/16SS101J			R 7039	(B,121,133)	RS1/16S750J	C 64		
2433	(B,115,105)	RS1/16S473J	R 2568	(A,128,107)	RS1/16SS101J						C 64	(B,158,53)	CKSRYB1
2438	(A,146,111)	RS1/16S181J						R 7042	(B,114,130)	RS1/16S4701D			
2430	(0,140,111)	K21/1021013	R 2569	(B,133,121)	RS1/16S102J			R 7043	(B,118,127)	RS1/16S4701D	C 66	(B,158,55)	CKSRYB1
			R 2570	(B,130,116)	RS1/16S0R0J			R 7044	(B,113,124)	RS1/16S101J	C 67	(B,160,56) 10µF	CCG1171
2439	(B,122,114)	RS1/16S331J						11 10-14	(5,115,124)	131/1031013			
2440	(A.145.109)	RS1/16S181J	R 2571	(B,146,103)	DC4/4600044						C 68	(A,131,36) 22µF	CCG1178
2441	(A,145,107)	RS1/16S223J			RS1/16S224J			R 7045	(B,123,120)	RS1/16S102J	C 69	(A,131,34) 22µF	CCG1178
			R 2572	(B,146,115)	RS1/16S224J	D	D	R 7046	(B,115,127)	RS1/16S4701D	C 70	(A,131,31) 22µF	CCG1178
2444	(A,145,113)	RS1/16S223J	R 2602	(A,161,118)	RS1/8S0R0J	_		R 7047	(B,118,126)	RS1/16S4701D		(4.0.1,0.1,p.	
2445	(A,145,104)	RS1/16S102J	R 2603	(B,157,105)	RS1/16S102J			R 7048	(B,117,116)	RS1/16S563J	C 71	(D. 100.00)	
			R 2604	(B,157,107)								(B,130,62)	CKSRYF
2446	(A,144,115)	DC4/46C4001	R 2004	(6,137,107)	RS1/16S102J			R 7049	(B,120,120)	RS1/16S473J	C 72	(B,163,52)	CKSRYF:
		RS1/16S102J									C 73	(B,162,52)	CKSRYF
2447	(B,123,112)	RS1/16S104J	R 2606	(B,162,110)	RS1/16S683J			CAPACIT	OPE		C 74	(B,158,62)	
448	(B,131,114)	RS1/16S473J	R 2608	(B,161,106)	RS1/16S153J			CAPACI	UNS				CKSRYF
449	(B.129,114)	RS1/16S101J	R 2610								C 75	(A,157,18)	CKSRYF
450	(B,131,105)	RS1/16S473J		(B.164,104)	RS1/16S0R0J	•	•	C 1	(B,132,19)	CKSRYB104K16			
-30	(0,131,103)	NO 1/1004/3J	R 2612	(B, 170, 103)	RS1/16S752J			C 2	(B,132,23)	CKSRYB104K16	C 76	(B.132.28)	CKSRYB
			R 2613	(B,160,110)	RS1/16S683J			C 3	(B,132,25)		C 77	(B,139,18)	CKSRYB
451	(B.151,92)	RS1/16S152J		• •						CKSRYB104K16			
452	(B,128,105)	RS1/16S101J	R 2615	(B.168.103)	DC4/4802041			C 4	(B,132,30)	CKSRYB104K16	C 78	(B,146,22)	CKSRYB
459	(A,127,98) (UC)	RS1/16S471J			RS1/16S394J			C 5	(B,132,42)	CKSRYB104K16	C 79	(B,163,31)	CKSRYB
-55			R 2616	(B, 168, 100)	RS1/16S101J				,		C 80	(B,156,18)	CKSRYB
	(A,127,98) (EW)	RS1/16S0R0J	R 2617	(B,164,101)	RS1/16S105J	E	E	C 6	(A,152,37)	CKEMBAOAKAO		(=, ,00, 10)	GROWIE
460	(B,155,92)	RS1/16S104J	R 2618	(B,162,102)	RS1/16S102J	E	E			CKSRYB104K16		(D. 440.40)	
	•		R 2619					C 7	(A,157,45)	CKSRYB104K16	C 81	(B,148,40)	CKSRYB
461	(B,147,84)	RS1/16S1202D	K 2019	(B,162,100)	RS1/16S472J			C 8	(A,156,50)	CKSRYB104K18	C 82	(B,163,23)	CKSRYB
462								C 9	(A,156,53)	CKSRYB104K16	C 96	(B,164,23)	CKSRYB
	(B,145,88)	RS1/16S1003D	R 2620	(B,159,102)	RS1/16S152J			C 10			C 97		
463	(A,130,97)	RS1/16S0R0J	R 2621	(B.159.100)	RS1/16S472J			U 10	(A,157,56)	CKSRYB104K16		(B,164,28)	CKSRYB
464	(A,127,114)	RS1/16S0R0J	R 2622	(B,156,102)							C 98	(B,164,31)	CKSRYB
465	(A,130,117) (UC)	RS1/16SS471J			RS1/16S472J	-		C 11	(A,157,B1)	CKSRYB104K16			
			R 2623	(B,156,100)	RS1/16S472J	•	•	C 12	(B,136,18) 10µF	CCG1171	C 101	(A,131,18)	CKSRYB
	(A,130,117) (EW)	RS1/16SS0R0J	R 2624	(B,161,118)	RS1/16S333J			C 13	(B,146,26)		C 102	(A,135,12)	CKSRYB
										CKSRYB104K16			
470	(A,127,101)	RS1/16S0R0J	R 2625	(B,165,116)	DC4/48DCCC			C 14	(B,146,30)	CKSRYB104K16	C 103	(A,140,26)	CKSRYB
471	(A,130,120)	RS1/16S0R0J			RS1/16S683J			C 15	(A,148,37)	CKSRYB104K16	C 104	(A,148,30)	CKSRYB
			R 2626	(B,163,116)	RS1/16S154J			· /=	,		C 105	(A,156,30)	CKSRYB
472	(B,137,104)	RS1/16S331J	R 2627	(B, 162, 116)	RS1/16S101J			in 40	(4.445.07)		0 100	(~,130,30)	CNORTB
473	(B,137,115)	RS1/16S331J	R 2628	(B,133,115)		_	_	C 16	(A,145,37)	CKSRYB104K16			
474	(B.152,82)	RS1/16S101J			RS1/16S103J	F	F	C 17	(A,147,67)	CKSRYB104K16	C 106	(A, 165, 30)	CKSRYB
	(-,,,	1.07/103/013	R 2629	(B,134,104)	RS1/16S103J			C 18	(A,145,69)	CCSRCH100D50	C 107	(A,161,34)	CKSRYB
	(B,140,104)	RS1/16S104J	R 2630	(B,166,114)	RS1/16S473J			C 19	(A,143,69)	CCSRCH100D50	C 108	(A,161,42)	CKSRYB
475			R 2631					C 20	(B,149,19)	CKSRYB104K16	C 109	(A,161,51)	CKSRYB
	(B 140 114)												
476	(B,140,114)	RS1/16S104J	R 2631	(B,169,113)	RS1/16S473J						C 110	(B,106,43) 10µF	CCG1171

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Circ	uit Symbol and No.	Part No.	Circ	cuit Symbol and No.	Part No.			Cli	cult Symbol and No.	Part No.	Çir	cuit Symbol and No.	Part No.
					•								
1 2	(B,107,40) (B,107,35)	CKSRYB104K16 CKSRYF224Z16	C 252 C 253	(A,90,43) 10µF (A,126,15)	CCG1171 CKSRYF104Z25	_		C 648 C 670	(A,48,121) (A,39,86)	CKSRYF104Z25 CKSSYB104K10	C 782 C 783	(A,109,121) (A,106,116)	CKSRYB104K16 CEVW101M16
3	(B.106.28) 10uF	CCG1171	C 255	(A,88,34)	CKSRYB104Z25	Α	Α	C 670	(A,39,86) (A,35,99)	CKSSYB104K10	C 784	(A,105,116) (A,105,121)	CKSRYB103K50
4	(B.107,25)	CKSRYB104K16	C 256	(A,88,28)	CKSRYB103K50			C 672	(A,35,96)	CKSSYB104K10	C 785	(B,104,119)	CKSQYB225K10
5	(B, 107,20)	CKSRYF224Z16	C 257	(A,88,27)	CKSRYB103K50			C 673	(B,41,106)	CKSSYB104K10	C 786	(A,120,116)	CEVW101M16
6	(B,119,65)	CKSRYF104Z25	C 258	(A,88,23)	CKSRYB103K50			C 675	(A,138,86)	CKSSYB104K10	C 787	(A,114,116)	CEVW220M6R3
7	(B,107,52) 10µF	CCG1171	C 259	(A,88,22)	CKSRYB103K50	_	-	C 691	(B,157,152)	CKSRYB102K50	C 788	(B,88,105)	CKSRYB104K16
8	(B,107,51)	CKSRYB104K16	C 260	(A,88,16)	CKSRYB103K50	•		C 692	(B,157,143)	CKSRYB104K16	C 790	(B,78,117)	CKSRYB104K16
9	(B,119,50)	CKSRYF104Z25	C 261	(A,85,9)	CKSRYB103K50			C 693	(B,160,146)	CKSQYB105K16	C 791	(B,77,115)	CKSYF106Z10
0	(B,109,63)	CKSRYF104Z25	C 262	(A,84,9)	CKSRYB103K50			C 694	(B,159,142)	CKSQYB105K16	C 792	(B,100,122)	CKSRYB104K16
1	(B,109,58)	CKSRYF104Z25 CKSRYF104Z25	C 301	(A,141,22)	CKSRYF104Z25			C 695	(B,167,149)	CKSQYB105K16	C 793	(B,102,123)	CKSYF106Z10
2	(B,104,39)		C 302	(A,149,22)	CKSRYB334K10			C 696	(B,172,152)	CKSRYB102K50	C 794	(B,108,121)	CKSYF106Z10
23 24	(B,106,55)	CKSRYF103Z50 CCSRCH101J50	C 303	(A,142,13)	CKSRYF104Z25	В	В	C 697	(B,161,136)	CKSQYB105K16	C 795	(A,80,103)	CKSQYB225K10
5	(B,130,41) (A,166,34)	CKSRYF104Z25	C 306 C 323	(A,120,49) (A,108,57) 10µF	CKSRYF104Z25 CCG1171			C 698 C 699	(B,164,136) (B,170,135)	CKSQYB105K16 CKSRYB102K50	C 796 C 797	(A,76,101) (B,88,107) 10µF	CKSQYB225K10 CCG1171
6	(A,166,51)	CKSRYF104Z25	C 324	(A,97,67)	CKSRYB104K16			C 700	(B,167,135)	CKSRYB102K50	C 798		CKSRYB104K16
10	(A, 124,39)	CKSRYB104K16	C 327	(A,98,69) 10µF	CCG1171			C 700	(B,169,135) (B,169,135)	CKSRYB102K50	C 798	(B,109,118) (B,75,112)	CKSRYB104K16
2	(A,119,43)	CKSRYB104K16	C 328	(A,105,52)	CKSRYB104K16			C 702	(B,166,135)	CKSRYB102K50	C 800	(B,96,118)	CKSRYB104K16
3	(A,118,43)	CKSRYB104K16	C 329	(A,103,51) 10µF	CCG1171			C 706	(B,60,151)	CKSRYB104K25	C 801	(B,29,31)	CKSRYB103K50
04	(A,122,38)	CKSRYB104K16	C 330	(A,91,61) 10µF	CCG1171			C 732	(B,154,144)	CKSRYB102K50	C 802	(A,30,28)	CEVW101M16
)5	(A,112,43)	CKSRYB104K16	C 331	(A,93,61)	CKSRYB104K16			C 733	(B,151,144)	CKSRYB102K50	C 803	(B,26,80)	CKSQYB225K10
06	(A,106,42)	CKSRYB104K16	C 332	(A,93,64)	CKSRYB104K16			C 734	(B,148,134)	CKSRYB102K50	C 804	(A,42,32)	CEVW101M16
)7	(A,100,43)	CKSRYB104K16	C 339	(A,91,65) 10µF	CCG1171			C 735	(B,142,139)	CKSRYB102K50	C 805	(B,50,37)	CKSRYB103K50
28	(A.97,43)	CKSRYB104K16	C 341	(A,161,19)	CCSRCH101J50	С	С	C 736	(B,135,148)	CKSRYF104Z25	C 806	(B,63,78)	CKSRYB103K50
19	(A,88,38)	CKSRYB104K16	C 342	(A,141,15)	CKSRYF104Z25			C 737	(A,131,133)	CKSRYF104Z25	C 807	(A,65,83)	CEVW470M16
11	(A,122,35)	CKSRYB104K16	C 344	(B,146,13)	CKSRYF103Z50			C 738	(A,128,133)	CKSRYF104Z25	C 808	(B,69,79)	CKSRYF334Z16
13	(A,122,33)	CKSRYB104K16	C 345	(B,145,13)	CKSRYF104Z25			C 739	(B,133,152)	CKSRYF104Z25	C 809	(A,124,134)	CKSRYB103K50
14	(A,124,33)	CKSRYB104K16	C 348	(B,131,13)	CKSRYF103Z50			C 740	(B,135,152)	CKSRYF104Z25	C 810	(A,121,129)	CEVW101M16
15 16	(A,88,36) (A,88,33)	CKSRYB104K16 CKSRYB104K16	C 347 C 348	(B,119,11)	CKSRYF103Z50			C 741	(B,138,151)	CKSRYF104Z25	C 811	(A,68,72)	CKSRYF104Z25
				(B,118,9)	CKSRYF104Z25	_	_	C 748	(B,86,89)	CKSSYB103K16	C 812	(A,44,81)	CKSRYB103K50
17	(A,88,31)	CKSRYB104K16	C 349	(B,97,8)	CKSRYF103Z50			C 749	(B,87,92)	CKSQYB225K10	C 813	(A,49,82)	CEVW101M16
20	(A,126,34) 10µF	CCG1171	C 350	(A,94,67)	CKSRYB104K16			C 751	(B,104,96)	CKSRYB104K16	C 814	(A,32,88)	CEVW101M16
21	(A,122,30)	CKSRYB104K16	C 601	(B,54,98)	CKSSYB104K10			C 752	(B,102,96)	CKSRYB104K16	C 815	(A,92,54)	CKSRYB103K50
22	(A,122,27)	CKSRYB104K16	C 602	(A,35,98)	CKSSYB104K10			C 753	(B,100,96)	CKSRYB104K16	C 816	(A,97,53)	CEVW101M16
23	(A,124,9)	CKSRYB224K10	C 603	(B,44,91)	CKSSYB104K10	D	D	C 754	(B,99,94)	CCSRCH5R0C50	C 817	(B,9,54)	CKSRYB473K50
24 25	(A,122,25) (A,124,30)	CKSRYB104K16 CKSRYB104K16	C 604	(B,46,91)	CKSSYB104K10			C 755	(B,94,96)	CCSRCH470J50	C 818	(B,12,70)	CKSRYB103K50
25 21	(A,124,30) (A,88,30)	CKSRYB104K16 CKSRYB104K16	C 605 C 606	(B,44,95) (A,35,94)	CKSSYB104K10 CKSRYB104K16			C 756	(B,95,96)	CKSRYF104Z25	C 819	(B.10,68)	CCSRCH101J50
28	(A.88,25)	CKSRYB104K16	C 607	(A,35,94) (A,37,86)	CKSRYB104K18 CKSSYB104K10			C 757	(A,93,96)	CEVQW470M16	C 820	(B.8.68)	CKSRYB224K16
30	(A,127,26)	CCSRCH150J50	C 608	(B,57,96)	CKSSYB104K10			C 758 C 761	(B,92,92) (B,95,108)	CKSRYB105K6R3 CCSRCH220J50	C 821 C 822	(B,31,48) (B,28,52)	CKSRYB473K50 CCSRCH101J50
31 32	(A,128,17) (A,122,22)	CCSRCH120J50 CKSRYB104K16	C 609 C 610	(B,150,133)	CKSRYB104K16			C 762	(A,87,96)	CEVW100M16	C 823	(B,26,52)	CKSRYB104K16
32 33	(A,122,22) (A,122,19)	CKSRYB104K16	C 610	(A,124,90) (B,46,93)	CKSSYB104K10 CKSSYB104K10			C 763	(B,92,108)	CKSRYF104Z25	C 824	(B,31,69)	CKSRYB223K50
34	(A,88,21)	CKSRYB104K16	C 612	(A,133,87)	CKSSYB104K10			C 764 C 765	(A,101,105) (A,94,105)	CEVW221M4 CEVW221M4	C 825 C 826	(B,28,65)	CCSRCH101J50
35	(A,88,19)	CKSRYB104K16	C 617	(B,56,89)	CKSQYB225K10			C 765	(A,86,105)	CEVW221M4 CEVW221M4	C 827	(B,26,64) (B,66,49)	CKSRYB104K16 CKSRYB153K50
1				•		E	E		, , , ,				CKSKIBISSKSU
37	(A,123,16)	CKSRYB104K16	C 620	(B,46,104)	CKSRYF104Z25			C 767	(A,111,104)	CEVW221M4	C 828	(B,63,51)	CCSRCH101J50
38 39	(A,123,14)	CKSRYB104K16	C 623	(B,50,88)	CKSSYB104K10			C 768	(B,98,108)	CKSRYB105K6R3	C 829	(B,61,52)	CKSRYB104K16
39 40	(A,88,18) (A,88,15)	CKSRYB104K16 CKSRYB104K16	C 624	(B,51,104)	CKSRYF104Z25			C 769	(A,99,96)	CEVQW470M16	C 830	(B,66,68)	CKSRYB153K50
#U \$1	(A,88,13)	CKSRYB104K16	C 626 C 630	(B,51,83) (A,33,98)	CKSSYB103K16			C 770	(B,94,93)	CKSRYB104K16	C 831	(B,63,65)	CCSRCH101J50
				•	CCSRCH101J50	_	_	C 771	(A,102,120)	CKSRYB104K16	C 832	(B,61,65)	CKSRYB104K25
12 13	(A,116,9) (A,113,9)	CKSRYB104K16 CKSRYB104K16	C 636 C 637	(A,24,83)	CKSRYF104Z25	•		C 772	(A,99,116)	CEVW101M16	C 833	(B,13,70)	CCSRCH330J50
44	(A.109.9)	CKSRYB104K16	C 638	(A,26,98) (B,18,105)	CKSRYF104Z25 CKSRYF104Z25			C 773	(B,85,120)	CKSQYB225K10	C 834	(B,16,70)	CKSRYB105K10
45	(A,106,9)	CKSRYB104K16	C 639	(A.28.104)	CKSRYF104Z25			C 774	(B,92,121)	CKSQYB225K10	C 835	(B,20,70) 4.7µF	CCG1111
46	(A,103,9)	CKSRYB104K16	C 640	(B,28,99)	CKSRYF104Z25			C 775 C 776	(A,96,121) (B,106,109)	CKSRYB103K50 CKSQYB225K10	C 836 C 837	(B,16,59) (B,9,64)	CKSRYF104Z25 CKSYB475K16
17	(A,98,9)	CKSRYB104K16	C 642	(B,17,100)	CKSRYF104Z25	F	F	C 777	(A,86,116)	CEVW101M16	C 838		
48	(A.93.9)	CKSRYB104K16	C 643	(B,27,97)	CKSRYF104Z25	r	r	C 777	(A,00,110) (A.92.115)	CEVW101M16 CEVW220M6R3	C 838	(B,12,59) (A,15,45) 220µF/10V	CKSRYF474Z16
49	(A,88,10) 10uF	CCG1171	C 644	(A,28,121)	CKSRYF104Z25			C 779	(B.83.114)	CKSYF106Z10	C 840	(A,15,45) 220µF/10V (A,17,61) 10µF	CCH1409 CCG1173
50	(A,108,44) 10µF	CCG1171	C 645	(A,28,112) 10µF	CCG1173			C 780	(B.88,109)	CKSQYB225K10	C 841	(B,25,72) 4.7µF	CCG1111

Cli	rcuit Symbol and No.	Part No.	Circ	cuit Symbol and No.	Part No.				Cir	cuit Symbol and No.	Part No.	Cir	cult Symbol and No.	Part No.
C 843	(B.26,57)	CCSRCH470J50	C 909	(A,96,134)	CKSRYF104Z25				C 2443	(B,138,133)	CKSRYB105K6R3	C 2506	(A.18.130)	CEVW100M16
C 844	(B.26,60)	CKSRYB105K10	C 910	(B.59.134)	CKSRYB104K25				C 2443	(B,138,133) (A,144,110)	CKSRYB105K6R3	C 2506 C 2507	(A,18,130) (B,39,141)	CKSYB475K16
C 845	(B.26,62)	CKSRYB103K50	C 914	(A.82.145)	CKSRYF104Z25		A	A	C 2445	(A,147,98)	CEVW470M16	C 2508	(B,39,139)	CKSYB475K16
C 846	(B.64,72) 4.7µF	CCG1111	C 916	(B,54,132)	CKSQYB104K25				C 2446	(A,145,102)	CKSRYB105K6R3	C 2509	(A,52,130)	CEVW330M25
C 847	(B,61,55)	CKSRYB103K50	C 918	(B,29,26)	CKSRYB103K50				C 2447	(A,148,102)	CKSRYB104K16	C 2510	(A,46,138)	CKSRYB473K50
C 848	(B.61,56)	CCSRCH470J50	C 919	(B,70,93)	CKSRYB104K25				C 2448	(A,143,112)	CKSRYB105K6R3	C 2519	(B,170,117)	CKSRYF104Z25
C 849 C 850	(B.61.59)	CKSRYB105K10	C 920	(B,118,141)	CKSRYF104Z25			_	C 2449	(B,126,111)	CKSRYB105K6R3	C 2552	(A,13,143)	CCSRCH150J50
C 850	(B,61,62) (A,20,57) 10µF	CKSRYB103K50 CCG1173	C 950	(B,19,55) 4.7µF	CCG1111		•	•	C 2450	(A,118,108)	CEVQW220M18	C 2553	(A,7,143)	CKSRYB104K16
C 852	(B,19,49) 4.7µF	CCG11/3	C 951 C 953	(B,19,52) 4.7µF (B,34,49) 4.7µF	CCG1111 CCG1111				C 2451 C 2452	(B,132,109) (B,146,92)	CKSRYF104Z25 CKSRYB105K6R3	C 2554 C 2555	(A,10,143) (A,12,145)	CKSQYB225K10 CKSSYB104K10
C 853	(B,34,53)	CKSRYF474Z16	C 954	(A.32.51) 10uF	CCG1173									
C 854	(B.31.52)	CKSRYF104Z25	C 955	(B.35.68) 4.7µF	CCG1173				C 2453 C 2456	(A,141,97)	CKSYB475K16	C 2556	(B,131,120)	CKSSYB104K10
C 855	(B,31,64)	CKSRYF104Z25	C 956	(A,32,56) 10µF	CCG1173		_	В	C 2456	(A,141,117) (A,139,97)	CKSYB475K16 CKSYB475K16	C 2557 C 2558	(B,130,118)	CKSSYB103K16
C 856	(B,35,64)	CKSRYF474Z16	C 957	(A,65,56) 10µF	CCG1173		В	В	C 2458	(A,139,117)	CKSYB475K16	C 2603	(B,137,118) (A,162,109)	CKSRYB103K50 CEVQW220M16
C 857	(B,27,46)	CKSYB475K16	C 958	(A,65,51) 4.7µF	CCG1111				C 2459	(A,136,97)	CKSYB475K16	C 2604	(B,159,109)	CKSRYB473K50
C 858	(B,69,53)	CKSRYF474Z16	C 959	(A,68,56) 10µF	CCG1173				C 2460	(A,136,117)	CKSYB475K16	C 2605	(B,161,108)	CKSRYB473K50
C 859	(B,66,52)	CKSRYF104Z25	C 960	(A,68,51) 4.7µF	CCG1111				C 2461	(B,156,92)	CKSRYB332K50	C 2606	(B,165,104)	CKSRYB333K50
C 860	(B,66,66)	CKSRYF104Z25	C 961	(A,82,150)	CKSRYF104Z25				C 2462	(A,133,97)	CKSYB475K16	C 2607	(B,168,102)	CKSRYB105K6R3
C 861	(B.69,64)	CKSRYF474Z16	C 962	(A,33,95)	CKSRYB103K50				C 2463	(A.133.117)	CKSYB475K16	C 2608	(B,168,105)	CCSRCH471J50
C 862	(B.69,44)	CKSYB475K16	C 963	(B,54,149)	CKSRYB104K25				C 2464	(B,153,92)	CKSRYB474K10	C 2609	(B,169,109)	CKSRYF104Z25
C 863	(B,77,123)	CKSRYF104Z25	C 964	(B,54,150)	CKSRYB105K10				C 2465	(B,150,89)	CKSRYB104K16	C 2610	(A,167,109)	CEVQW220M16
C 865	(A,27,54) 10µF	CCG1173	C 971	(B,16,128)	CKSRYB222K50				C 2466	(A,127,109)	CKSRYB104K16	C 2611	(B,167,100)	CKSRYB105K6R3
C 868	(B,38,49) 4.7µF	CCG1111	C 972	(B,17,130)	CKSRYB474K10				C 2467	(A,127,111)	CKSRYB104K16	C 2612	(B,159,118)	CKSRYB474K10
C 869	(A,49,54) 330µF/6.3V	CCH1366	C 973	(B.8,122)	CKSQYB105K16		С	C	C 2468	(A,127,112)	CCSRCH100D50	C 2613 '	(B,167,117)	CCSRCH471J50
C 870	(B,39,68) 4.7µF	CCG1111	C 974	(A,13,115)	CKSQYB103K50		_	-	C 2469	(B,150,86)	CKSRYB104K16	C 2614	(B,164,114)	CCSRCH680J50
C 871 C 872	(A.49,63) 220µF/10V	CCH1409	C 975	(A,19,124)	CEVQW470M16				C 2470	(A,127,95)	CCSRCH100D50	C 2615	(B,159,117)	CKSRYB105K6R3
C 873	(A,61,55) 10µF (A,61,52) 10µF	CCG1173	C 981	(B,74,78)	CKSRYB103K50				C 2471	(B,147,83)	CKSRYB104K16	C 2616	(B,167,115)	CKSRYB105K6R3
C 875	(B,73,68) 4.7µF	CCG1173 CCG1111	C 982	(B,71,78)	CKSRYF104Z25				C 2472	(A,130,115)	CCSRCH100D50	C 2617	(B,121,95)	CKSRYB104K16
C 876	(A,84,54) 330µF/6.3V	CCH1366	C 983 C 984	(B,75,35)	CKSRYB103K50				C 2473	(B,148,86)	CKSRYB104K16	C 2618	(B,119,111)	CKSRYF104Z25
			C 984	(B,73,35)	CKSRYF104Z25		•	•	C 2474	(A,127,97)	CCSRCH100D50	C 2621	(B,32,121)	CKSSYF104Z16
C 877	(B,72,50) 4.7µF	CCG1111	C 985	(B,64,35)	CKSRYB103K50				C 2475	(A,129,118)	CCSRCH100D50	C 2637	(B,115,103)	CKSQYB105K10
C 878	(A,86,65) 330µF/6.3V	CCH1366	C 986	(B,62,35)	CKSRYF104Z25				C 2476	(A,127,100)	CCSRCH100D50	C 2704	(B,33,13)	CKSRYB104K16
C 879 C 880	(A,80,127) 220µF/25V (B,87,141)	CCH1356	C 987	(A,92,82)	CKSRYB103K50				C 2477	(B,136,104)	CKSRYB105K6R3	C 2705	(B,40,26)	CKSRYB103K50
C 881	(A,82,137) 2200µF	CKSQYB104K16 CCH1405	C 988 C 989	(A,93,82)	CKSRYF104Z25				C 2478	(B,136,115)	CKSRYB105K6R3	C 2706	(B,36,20)	CKSRYB104K16
			C 969	(A,92,84)	CKSRYB103K50		D	D	C 2479	(A,158,88)	CEVW101M16	C 2707	(B,42,30)	CKSRYF104Z25
C 882	(A,106,130)	CEVW101M16	C 990	(A,93,84)	CKSRYF104Z25				C 2480	(A,124,102)	CEVW100M16	C 2708	(B,40,20)	CKSRYB104K16
C 883	(B,34,88)	CKSRYB103K50	C 2019	(B, 158, 103)	CKSRYB104K16				C 2481	(A,150,88)	CEVW101M16	C 2709	(A,36,20)	CKSRYB104K16
C 884 C 885	(A,74,83) (A,70,91)	CEVW101M16	C 2404	(B,117,89)	CKSRYB104K16				C 2482	(B,155,82)	CKSRYB222K50	C 2710	(A,39,20) (EW)	CKSRB104K16
C 887	(A,70,91) (A,77,88)	CKSRYF104Z25 CKSRYF104Z25	C 2407	(B,114,92)	CKSRYB104K16				C 2483	(B,137,100) 10µF	CCG1138	C 2711	(B,40,88)	CKSRYF104Z25
		CKSRYF104225	C 2412	(A,130,128)	CEVW101M16				C 2484	(B,140,103)	CKSRYB105K6R3	C 2712	(B,36,103)	CKSRYB102K50
C 888	(B,108,140)	CKSRYB103K50	C 2413	(B,131,136)	CKSRYB105K10				C 2485	(B,141,118) 10µF	CCG1138	C 2713	(A,43,20) (EW)	CKSRB104K16
C 889	(B.112,140)	CKSRYB103K50	C 2414	(B,130,125)	CKSRYB105K10				C 2486	(B,140,115)	CKSRYB105K6R3	C 7007	(A,68,114)	CKSRYF104Z25
C 890 C 891	(B.115,140)	CKSRYF104Z25	C 2418	(B,108,105)	CKSRYB105K6R3				C 2487	(B,143,104)	CCSRCH101J50	C 7014	(B,117,132)	CKSYB106K6R3
C 892	(B,148,121) (B,69,98)	CKSRYF104Z25	C 2419	(B,133,136)	CCSRCH330J50				C 2488	(B,143,114)	CCSRCH101J50	C 7015	(B,121,129)	CKSYB106K6R3
C 692	(8,69,8)	CKSRYB103K50	C 2420	(B,133,125)	CCSRCH330J50		_	_	C 2489	(B,133,100)	CKSRYB104K16	C 7017	(B,115,126)	CCSRCK1R0C50
C 893	(A,60,103)	CEVW101M16	C 2421	(B,111,105)	CKSRYB103K50		E	E	C 2490	(B,148,104)	CCSRCH101J50	C 7018	(B.121.120)	CKSRYB105K10
C 894	(B.61,105)	CKSRYB103K50	C 2422	(B,139,137)	CCSRCH151J50				C 2491	(B.149,114)	CCSRCH101J50	C 7019	(B.112.120)	CKSYF106Z10
C 895	(B.31,88)	CKSRYB104K16	C 2423	(B,139,123)	CCSRCH151J50				C 2492	(B,151,108)	CKSRYB104K16	C 7020	(B,114,119)	CKSRYB104K16
C 896	(A,117,136)	CKSRYB103K50	C 2424	(B,112,108)	CCSRCH221J50				C 2493	(A,154,104)	CEVW100M16	C 7021	(A,125,123)	CCSRCH102J50
C 897	(A,114,129)	CEVW101M16	C 2425	(B,136,135)	CCSRCH330J50				C 2494	(B,34,125)	CKSRYB105K10	C 7078	(B,85,114)	CKSRYB104K16
C 898	(A.84,123)	CKSQYB104K16	C 2426	(B,135,125)	CCSRCH330J50				C 2495	(B,29,140)	CKSRYB105K10	C 7092	(B,91,115)	CKSRYB104K16
C 899 C 900	(A,88,128) 220µF/25V	CCH1356	C 2431	(B,112,113)	CCSRCH471J50				C 2496	(B,34,127)	CKSRYB105K10	0 .002	,5,5,1,,	J. J
C 900 C 901	(B,90,133)	CKSQYB104K16	C 2432	(B,138,130)	CKSRYF104Z25				C 2497	(B,31,140)	CKSRYB105K10	MotherT	uner Unit	
C 901	(B,99,140)	CKSRYB103K50	C 2433	(A,138,127)	CEVQW220M16				C 2498	(B,30,138)	CKSRYB105K10			
C 902	(A,98,127)	CEVW101M16	C 2434	(B,138,134)	CKSRYB105K6R3				C 2499	(B,38,126)	CKSRYB105K10	Consists Relay PC		
C 903	(A,152,128) 10000µF/16V	CCH1412	C 2435	(B,138,127)	CKSRYB105K6R3		F	F	C 2500	(B,33,138)	CKSRYB105K10	Mother F		
C 905	(A.68,103)	CEVW101M16	C 2436	(B,119,114)	CKSRYB105K6R3			•	C 2501	(B,37,126)	CKSRYB105K10	Connect		
C 906 C 907	(A.58,110)	CKSRYB104K16	C 2437	(A,151,106)	CKSRYB102K50				C 2503	(A,65,125) 2200µF/16V	CCH1405	SAMILEA	T., VW	
C 907	(A,58,112)	CKSRYB473K50	C 2441	(A,144,104)	CKSRYB105K6R3				C 2504	(A,72,131) 10µF	CCG1138			
C 908	(B.61,134)	CKSRYF103Z50	C 2442	(B,138,125)	CKSRYB105K6R3				C 2505	(B,42,139)	CKSRYB104K25			
•	5 =	6	New Principle	7		163	_	_	164		1/10	*/*(81.8(e)		

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• 5 = 6 = 7 = 8 = 1 = 2 = 3 = 4 =

Circ	cult Symbol and No.	Part No.	<u>Circ</u> Q 1951	ult Symbol and No. (B,111,85) Transistor	Part No. 2SD2098			<u>Cir</u> D 1602	cuit Symbol and No. (8,110,102) Diode	Part No. DAN202U	<u>Circ</u> L 1405	uit Symbol and No. (A,56,92) Inductor	Part No. LCYA1R0J2520	
	mber:CWM9946(A	VIC-N2/XII/IIC)	Q 1952	(B,109,45) Transistor	2SD2098	A		D 1821	(A.9.121) Diode	S1G-6904G2P	L 1406	(B.59.61) Inductor	LCTAW1R0J2520	
	me:Mother Tuner l		Q 2801	(A,90,25) Transistor	2SC4081	A	Α	D 1822	(A,12,125) Diode	UDZS18(B)	L 1501	(A,81,58) Inductor	LCYA100J2520	
III Na	me.mother funer (Mill	Q 2831	(B,39,12) Transistor	DTC323TU			D 1823	(A,14,125) Diode	UDZS18(B)	L 1551	(B,82,55) Inductor	LCTAW101J2520	
	ANEGUA		Q 2832	(B,41,8) Transistor	DTC323TU			D 1824	(A,19,115) Diode	188355	L 1552	(B,90,52) Inductor	LCTAW100J2520	
SCELL	ANEOUS		Q 2833	(B,32,8) Transistor	DTC323TU			D 1871	(B,140,87) Diode	UDZS5R6(B)	L 1553	(B,103,41) Inductor	LCTAW100J2520	
1001	(A,129,43) IC	NJM2137V	Q 2844	(B,34,12) Transistor	DTC323TU	_	_	D 1881	(B,10,115) Diode	UDZS18(B)	L 1554	(B,75,62) Inductor	LCTAW100J2520	
1002	(B,106,27) IC	TA2050FS1	Q 2845	(B,29,12) Transistor	DTC323TU	•		D 1882	(A,58,116) Diode	1SS355	L 1555	(B,83,58) Inductor	LCTAW100J2520	
1101	(A,105,116) IC	HA12240FP TA2050FS1	Q 2846	(B,27,8) Transistor	DTC323TU			D 1883	(B,10,126) Diode	UDZS6R8(B)	L 1601	(A.89,80) Inductor	CTF1379	
1201	(A,113,109) IC (A,31,118) IC	NJM2137V	Q 2886 D 1001	(B,87,26) Transistor (B,138,10) Diode	2SC4081 UDZS6R8(B)			D 1884 D 1902	(B,142,110) Diode (B,168,42) Diode	RB500V-40 HZU9R1(B3)	L 1602 L 1603	(B,71,95) Inductor (A,98,95) Inductor	CTF1379 CTF1379	
					• •				•	•	L 1003	(A,96,93) inductor	CIF13/9	
1301	(B,92,25) IC (A,77,21) IC	TA2050FS1 NJM2137V	D 1002	(B,138,17) Diode	UDZS6R8(B)			D 1903	(B,168,71) Diode	UDZS5R6(B)	L 1604	(A,69,105) Inductor	CTF1379	
1352	(A,61,11) IC	NJM2137V	D 1003	(B,140,11) Diode	UDZS6R8(B)	В	В	D 1950	(B,105,84) Diode	UDZS13(B)	L 1766	(A,80,115) Inductor	CTF1379	
1401	(A,53,79) IC	NJM2391DL1-33	D 1004 D 1005	(B,135,15) Diode	UDZS6R8(B)			D 1951	(B,114,44) Diode	UDZS5R6(B)	L 1821	(A,8,117) Inductor	CTF1306	
1402	(A,51,107) IC	NJM4558E	D 1006	(B,136,9) Diode (B,140,17) Diode	UDZS6R8(B) UDZS6R8(B)			D 2801 D 2802	(8,26,33) Diode (8,22,35) Diode	UDZS6R8(B) UDZS6R8(B)	L 1841 L 1842	(A,146,114) Inductor (B,148,109) Inductor	CTF1334 CTF1334	
1501	(A,76,36) IC	CXA2069Q	D 1007		UDZS6R8(B)									
1551	(A,97,43) IC	NJM2561F1	D 1007	(B,133,15) Diode (B,133,8) Diode	UDZS6R8(B)			D 2811 D 2812	(B,96,36) Diode (B,102,36) Diode	UDZS10(B) UDZS10(B)	L 1849 L 1850	(B,156,116) Inductor (A,161,113) Inductor	CTF1393 CTF1334	
1552	(A,71,58) IC	NJM2561F1	D 1009	(B,131,15) Diode	UDZS6R8(B)		•	D 2812	(B,76,28) Diode	UDZS5R6(B)	L 1851	(B,150,100) Inductor	CTF1334	
1601	(A,83,81) IC	TC7SH04FUS1	D 1010	(B,131,7) Diode	UDZS6R8(B)			D 2814	(B,76,26) Diode	UDZS5R6(B)	L 1852	(B,140,108) Inductor	CTF1306	
1603	(A,83,100) IC	PE5412B	D 1011	(B,129,15) Diode	UDZS6R8(B)			D 2886	(B,73,35) Diode	S1G-6904G2P	L 1853	(B,132,100) Inductor	CTF1306	
1604	(A,94,87) IC	TC7SH08FUS1	D 1012	(B,131,23) Diode	UMZ6R8N			D 2887	(B,73,32) Diode	S1G-6904G2P	L 1861	(B,170,106) Inductor	CTF1334	
1605	(A,100,90) IC	TC7SH08FUS1	D 1013	(B,135,22) Diode	MA153			ZNR1401	(A,18,34) Surge Protector	RCCA-201Q31UA-PI	L 1862	(B,170,96) Inductor	CTF1334	
1607	(A,92,117) IC	TC7SH08FUS1	D 1014	(B,126,23) Diode	UMZ6R8N	С	С	L 1001	(A,141,33) Inductor	CTF1334	L 1871	(B,152,79) Inductor	CTF1334	
1608	(A,71,95) IC	TC7SH04FUS1	D 1015	(B,123,22) Diode	UMZ6R8N			L 1002	(A,142,33) Inductor	CTF1334	L 1872	(A,166,90) Inductor	CTF1393	
1821	(A,18,123) IC	NJM2904M	D 1016	(B,126,16) Diode	UDZS6R8(B)			L 1003	(A,142,36) Inductor	CTF1334	L 1873	(B,158,88) Inductor	CTF1393	
1871	(A,146,80) IC	S-812C33AMC-C2N	D 1017	(B,126,9) Diode	UDZS6R8(B)			L 1004	(A,143,36) Inductor	CTF1334	L 1881	(B,10,117) Inductor	CTF1306	
1872	(A,153,88) IC	S-L2980A50MC-C7J	D 1018	(B,124,17) Diode	UDZS6R8(B)			L 1005	(A,133,31) Inductor	CTF1306	L 2811	(B,98,34) Inductor	CTF1557	
1901 1902	(A,166,84) IC (B,164,61) IC	NJM2391DL1-33 M5237ML	D 1019	(B,122,8) Diode	UMZ6R8N			L 1006	(A,135,31) Inductor	CTF1306	L 2812	(B,99,22) Inductor	CTF1557	
1101	(A,121,108) Transistor	DTC124EU	D 1020 D 1021	(B,118,9) Diode (B,121,18) Diode	UMZ6R8N UMZ6R8N	•	•	L 1007 L 1008	(A,136,31) Inductor (A,136,33) Inductor	CTF1306 CTF1306	L 2813 L 2814	(B,42,19) Inductor (B,41,17) Inductor	CTF1334 CTF1334	
1102	(A,120,115) Transistor	0044570										, ,		
1201	(A,135,41) Transistor	2SA1576 2SA1037K	D 1022	(B,117,17) Diode	UMZ6R8N			L 1009	(A,116,21) Inductor	CTF1306	L 2831	(A,36,16) Inductor	CTF1306	
1202	(A.136.45) Transistor	2SC2412K	D 1023 D 1101	(B,128,9) Diode (B,116,119) Diode	UDZS6R8(B) UMZ6R8N			L 1010	(A,118,21) Inductor	CTF1306	L 2832	(A,20,22) Inductor	CTF1306	
1551	(B,80,44) Transistor	2SA1576	D 1102	(B,115,132) Diode	UMZ6R8N			L 1011	(A,118,25) Inductor (A,117,28) Inductor	CTF1306 CTF1306	L 2833	(A,23,21) Inductor	CTF1306	
1552	(B,67,39) Transistor	2SA1576	D 1103	(B,105,129) Diode	DAN202U	D	D	L 1012 L 1013	(A,117,28) Inductor (A,121,30) Inductor	CTF1306 CTF1334	L 2834 L 2835	(A,33,20) Inductor (A,23,23) Inductor	CTF1306 CTF1306	
1555	(B,73,51) Transistor	2SC2412K	D 1104	(B.105.133) Diode	DAP202U			L 1014	(A 422 20) Industry	OTE4224	1 0000			
1556	(B,71,46) Transistor	2SC2412K	D 1201	(A,138,35) Diode	1SS355			L 1014 L 1015	(A,122,30) Inductor (A,124,30) Inductor	CTF1334 CTF1334	L 2836 L 2851	(A,21,21) Inductor	CTF1306	
1557	(A,76,57) Transistor	2SC2412K	D 1202	(A,137,49) Diode	155355			L 1016	(A.123,22) Inductor	CTF1382	L 2852	(B,71,21) Inductor (B,75,21) Inductor	CTF1334 CTF1334	
1558	(B,92,48) Transistor	2SC2412K	D 1203	(A,54,124) Diode	HZU12(B2)			L 1017	(A.127.21) Inductor	CTF1334	L 2853	(B,79,20) Inductor	CTF1334	
1559	(B,63,50) Transistor	FMG12	D 1204	(A,56,124) Diode	HZU12(B2)		1,	L 1018	(A,127,26) Inductor	CTF1382	L 2854	(B,71,19) Inductor	CTF1334	
1581	(B,59,85) Translator	2SA1037K	D 1205	(A,43,124) Diode	HZU12(B2)			L 1019	(A,128,26) Inductor	CTF1382	L 2855	(B,75,19) Inductor	CTF1334	
1582	(B,59,91) Transistor	2SC4081	D 1206	(A,49,124) Diode	HZU12(B2)			L 1020	(A,130,29) Inductor	CTF1334	L 2856	(B,79,18) Inductor	CTF1334	
1583	(B,65,88) Transistor	2SC4081	D 1207	(A,32,131) Diode	UMZ6R8N			L 1021	(A,132,34) Inductor	CTF1334	L 2857	(B,88,11) Inductor	CTF1334	
1601	(B,114,101) Transistor	2SC2412K	D 1208	(A,35,131) Diode	UMZ6R8N			L 1022	(A,128,21) Inductor	CTF1334	L 2859	(A,93,17) Inductor	CTF1334	
1607	(A,68,109) Transistor	2SC4081	D 1301	(B,108,19) Diode	UMZ6R8N	E	E	L 1026	(B,122,41) Inductor	CTF1399	L 2861	(B,75,23) Inductor	CTF1334	
1821	(B,16,118) Transistor	DTC114EU	D 1302	(B,93,14) Diode	UMZ6R8N			L 1101	(A,105,108) Inductor	LCYA2R2J2520	L 2862	(B,82,28) inductor	CTF1334	
1822	(B,21,134) Transistor	DTC114WK	D 1303	(B,70,12) Diode	UMZ6R8N			L 1102	(A,112,118) Inductor	CTF1334	L 2886	(B,82,25) Inductor	CTF1295	
1871	(B,150,86) Transistor	DTC114EU	D 1304	(B,70,15) Diode	UMZ6R8N			L 1103	(A,113,118) Inductor	CTF1334	X 1601	(A,86,114) Radiator 12.58MH		
1872 1881	(B,146,83) Transistor (A,9,126) Transistor	2SA1037K DTC114EU	D 1353	(B,50,8) Diode	UMZ6R8N			L 1104	(A,117,118) Inductor	CTF1334	VR1551	(A,96,48) Semi-fixed 10k(1)(B		
.001	(A, 3, 120) Hansistor	DICTIMED	D 1354	(B,48,16) Diode	UMZ6R8N			L 1105	(A,115,118) Inductor	CTF1334	∆FU1202	(A,44,118) Fuse 4A	CEK1288	
1901	(A,78,77) Transistor	2SA1036K	D 1401	(A,51,73) Diode	1SR154-400			L 1201	(A,35,113) Inductor	CTF1399	∆FU1703	(A,86,122) Fuse 4A	CEK1288	
1902 1903	(B,136,42) Transistor	2SA1036K	D 1402	(A,51,70) Diode	1SR154-400			L 1301	(B,82,26) Inductor	CTF1399		(A,68,124) Fuse 4A	CEK1288	
1903	(A,81,71) Transistor (B,146,41) Transistor	DTC114EK DTC114EK	D 1403	(A,52,66) Diode	1SR154-400			L 1302	(B,90,18) Inductor	CTF1334	△FU1951	(A,118,87) Fuse 2A	CEK1284	
1905	(B,165,34) Transistor	2SB1260	D 1551 D 1552	(B,101,46) Diode (B,69,61) Diode	MA153 MA153			L 1303 L 1304	(B,86,12) Inductor	CTF1334	∆FU2801	(A,24,20) Fuse 5A	CEK1289	
1906	/D 450 20) T			, , , ,		. ғ	F		(B,103,18) Inductor	CTF1334	Y 1401	(A,46,44) FM/AM Tuner Uni	CWE1651	
1906	(B,158,39) Transistor	DTC114EK	D 1553	(A,60,54) Diode	DAP202U			L 1305	(B,101,12) Inductor	CTF1334	GY1863	(A,169,113) Sensor	CSX1078	
1907	(A,172,61) Transistor (A,173,42) Transistor	2SB1629 2SD2396	D 1580	(A,70,89) Diode	MA111			L 1351	(A,67,21) Inductor	CTF1399	GY1865	(A,167,101) Sensor	CSX1074	
			D 1581	(B,64,92) Diode	DAN202U			L 1401	(B,40,45) Inductor	LCTAW4R7J2520	EF1001	(A,139,32) EMI Filter	CCG1082	
1909	(A,173,72) Transistor	2SD2396	D 1582	(B,67,84) Diode	UDZS8R2(B)			L 1403	(B,51,79) Inductor	LCTAW1R0J2520	EF1201	(A,30,131) EMI Filter	CCG1067	

Cir	cuit Symbol and No.	Dank Na											ū	•
EF1301	(A,74,17) EMI Filter	Part No. CCG1067	Cir	cult Symbol and No.	Part No.				Cir	rcult Symbol and No.	Part No.	Cir	cuit Symbol and No.	Part No.
	•		R 1301	(A,82,21)	RS1/16S563J				R 1556	(B.70,39)	RS1/16S102J	R 1638	(B,71,97)	RS1/16S104J
EF1351	(A,52,10) EMI Filter	CCG1067	R 1302	(A,80,18)	RS1/18S473J		Α	_	R 1557	(B,91,45)	RS1/16S102J	R 1640	(B,79,109)	RS1/16S681J
EF1701	(A,91,125) EMI Filter	CCG1067	R 1303	(A.85.17)	RS1/16S102J		A	Α	R 1558	(B,76,57)	RS1/16S103J	R 1641	(A,92,114)	RS1/16S681J
EF1901	(A,157,29) EMI Filter	CCG1172	R 1304	(A.99.17)	RS1/16S102J				R 1559	(B,97,50)	RS1/16S123J	R 1642	(B,86,111)	RS1/16S473J
EF1902	(A,146,39) EMI Filter	CCG1172	R 1305	(B,86,16)	RS1/16S223J				R 1560	(B,72,58)	RS1/16S103J	R 1643	(B,72,108)	RS1/16S473J
EF1903	(A,152,39) EMI Filter	CCG1172	77 1000	(0,00,10)	1101/1002230				K 1300	(0,72,30)	NS1/1051030	Pt 1043	(0,72,100)	NS 1/1054/3J
			R 1306	(B,100,15)	RS1/16S223J				R 1561	(B,72,35)	RS1/16S473J	R 1644	(B,80,111)	RS1/16S473J
EF2801	(A,70,32) EMI Filter	CCG1067	R 1307	(B,88,18)	RS1/16S101J				R 1562	(B,72,31)	RS1/16S473J	R 1647	(B,76,109)	RS1/16S473J
			R 1308	(B,100,19)	RS1/16S101J				R 1563	(B,69,50)	RS1/16S471J	R 1651	(B,77,116)	RS1/16S473J
RESISTO	DRS		R 1309	(B,77,20)	RS1/16S512J				R 1564	(B,69,47)	RS1/16S471J	R 1652	(B,79,116)	RS1/16S473J
			R 1310	(B,81,20)	RS1/16S102J				R 1565	(B,72,56)	RS1/16S471J	R 1657	(B,72,110)	RS1/16S473J
R 1001	(B.127,31)	RS1/16S750J												
R 1004	(A,128,37)	RS1/16S472J	R 1311	(A,75,25)	RS1/16S101J				R 1566	(B,98,47)	RS1/16S471J	R 1658	(B,72,112)	RS1/16S473J
R 1005	(A,129,38)	RS1/16S472J	R 1312	(B,78,23)	RS1/16S512J				R 1567	(A,64,53)	RS1/16S821J	R 1659	(A,82,79)	RS1/16S473J
R 1006 R 1007	(A,126,43)	RS1/16S512J	R 1313 R 1314	(A,72,20)	RS1/18S472J		В	В	R 1568	(A,69,53)	RS1/16S821J	R 1661	(A,90,85)	RS1/16S681J
R 1007	(A,125,42)	RS1/16S102J		(A,72,23)	RS1/16S472J				R 1569	(B,75,34)	RS1/16S821J	R 1662	(A,87,85)	RS1/16S681J
R 1008	44 400 000		R 1315	(A,72,17)	RS1/16S103J				R 1570	(B,75,32)	RS1/16S821J	R 1663	(B,88,88)	RS1/16S681J
R 1009	(A,123,38) (A,125,39)	RS1/16S101J	R 1316	(B,78,14)	D0444004004				_ :					
R 1010	(A,111,32)	RS1/16S512J	R 1317		RS1/16S103J				R 1571	(B,70,53)	RS1/16S104J	R 1664	(A,88,85)	RS1/16S681J
R 1011	(A,111,32) (A,111,28)	RS1/16S101J	R 1351	(B,75,17) (A,65,11)	RS1/16S750J				R 1572	(B,65,53)	RS1/16S104J	R 1821	(A,21,122)	RS1/16S0R0J
R 1012	(A,111,28) (A,109,30)	RS1/16S101J	R 1351	(A,65,11) (A,66,8)	RS1/16S563J				R 1573	(A,108,39)	RS1/16S750J	R 1822	(B,14,123)	RS1/16S333J
K 1012	(A. 109.30)	RS1/16S223J	R 1357	(B.61.10)	RS1/16S473J RS1/16S512J		•	•	R 1574	(A,67,55)	RS1/16S105J	R 1823	(A,12,121)	RS1/16S203J
R 1013	(A,109,29)	RS1/16S223J	K 1357	(6,61,10)	RS1/16S512J				R 1575	(A,65,68)	RS1/16S750J	R 1824	(A,20,117)	RS1/16S822J
R 1014	(A,109,32)	RS1/16S102J	R 1358	(B,65,10)	RS1/16S102J				R 1576	(A,70,68)	RS1/16S0R0J	R 1825	(A,19,113)	D0444000004
R 1015	(A,109,27)	RS1/16S102J	R 1359	(A,58,15)	RS1/16S101J				R 1580	(B,98,43)	RS1/16S0R0J	R 1826	(A,16,115)	RS1/16S202J RS1/16S564J
R 1016	(A.129.48)	RS1/16S563J	R 1360	(B,62,13)	RS1/16S512J				R 1581	(B.55.85)	RS1/4S821J	R 1827	(A,17,117)	
R 1017	(A,126,49)	RS1/16S473J	R 1363	(A,56,10)	RS1/16S472J		_	_	R 1582	(B,56,90)	RS1/456213 RS1/16S223J	R 1828	(A,14,119)	RS1/16S513J
	· , ,	110111001100	R 1364	(A,56,13)	RS1/16S472J		С	С	R 1583	(B,62,89)	RS1/16S473J	R 1829	(B,24,118)	RS1/16S513J RS1/16S102J
R 1102	(A,101,112)	RS1/16S102J		(,					11 1500	(0,02,03)	1131/1054/33	1 1023	(0,24,110)	NS 1/103 1023
R 1104	(A,104,123)	RS1/10S101J	R 1365	(B,52,10)	RS1/16S103J				R 1584	(B,59,89)	RS1/16S223J	R 1830	(B,22,117)	RS1/16S102J
R 1105	(A,102,123)	RS1/10S101J	R 1366	(B,51,12)	RS1/16S103J				R 1585	(B,70,90)	RS1/16S563J	R 1831	(B,21,122)	RS1/16S104J
R 1106	(A,103,126)	RS1/10S620J	R 1367	(A,53,12)	RS1/16S750J				R 1586	(B,69,86)	RS1/16S223J	R 1832	(B,21,126)	RS1/16S513J
R 1107	(A,113,115)	RS1/16S102J	R 1402	(B,47,110)	RS1/16S0R0J				R 1587	(B,62,84)	RS1/16S473J	R 1833	(B,16,127)	RS1/16S473J
			R 1403	(B,49,102)	RS1/16S0R0J				R 1588	(A,70,86)	RS1/16S101J	R 1834	(B,18,127)	RS1/16S563J
R 1108	(A,115,115)	RS1/16S102J								(1, 2,00)	110111001010	11 1001	(5,15,121)	110 11 1000000
R 1109	(B,112,116)	RS1/16S223J	R 1404	(B,49,59)	RS1/16S681J				R 1601	(B,115,105)	RS1/16S272J	R 1835	(A,20,128)	RS1/16S104J
R 1110	(B,116,116)	RS1/16S223J	R 1405	(B,49,56)	RS1/16S681J				R 1602	(B,117,101)	RS1/16S101J	R 1841	(A.160.110)	RS1/16S104J
R 1111	(A,111,115)	RS1/16S101J	R 1407	(A,56,106)	RS1/16S103J				R 1603	(B,107,102)	RS1/16S333J	R 1843	(B.144,108)	RS1/16S101J
R 1112	(A.117,115)	RS1/16S101J	R 1408	(A,58,106)	RS1/16S103J				R 1604	(B,113,105)	RS1/16S473J	R 1861	(B,165,122)	RS1/10S105J
			R 1409	(A,52,111)	RS1/16S273J		D	D	R 1607	(A,90,81)	RS1/16S104J	R 1862	(B,164,115)	RS1/10S151J
R 1113 R 1114	(A,120,112)	RS1/16S332J	R 1410											
R 1114	(A,120,111)	RS1/16S682J	R 1410 R 1412	(B,53,102)	RS1/16S273J				R 1610	(A,94,83)	RS1/16S681J	R 1871	(B,146,79)	RS1/10S103J
R 1118	(A,120,119)	RS1/10S222J		(A,56,110)	RS1/16S183J				R 1611	(A,100,87)	RS1/16S681J	R 1872	(B,149,82)	RS1/10S103J
R 1119	(A,101,111) (A,101,109)	RS1/16S0R0J	R 1413 R 1415	(A,56,108)	RS1/16S183J				R 1612	(A,84,85)	RAB4C681J	R 1873	(B,143,84)	RN1/16SE1001D
K III9	(A, 101, 109)	RS1/16S0R0J	R 1415	(B,51,107) (B,53,109)	RS1/16S753J				R 1613	(B,97,109)	RS1/16S472J	R 1874	(B,139,84)	RN1/16SE1101D
R 1201	(A,135,36)	RS1/16S473J	K 1410	(8,53,109)	RS1/16S753J				R 1614	(A,94,89)	RS1/16S681J	R 1875	(B,140,89)	RN1/16SE1001D
R 1202	(A,135,36) (A,29,117)	RS1/16S4/3J	R 1426	(B,49,81)	D0444000044		•	•						
R 1203	(A,29,117) (A,29,114)	RS1/16S563J	R 1428	(B,49,81) (B,49,54)	RS1/16S681J RS1/16S681J				R 1615	(A,80,86)	RS1/16S473J	R 1881	(B,10,120)	RS1/4S102J
R 1204	(A,136,38)	RS1/16S473J	R 1429	(B,49,64)	RS1/16S681J RS1/16S681J				R 1617	(A,73,90)	RS1/16S681J	R 1901	(A,78,74)	RS1/16S102J
R 1205	(A,138,42)	RS1/16S473J	R 1431	(B,49,61)	RS1/16S681J				R 1618 R 1619	(A,96,92)	RAB4C681J	R 1902	(B,141,42)	RS1/16S102J
	,	0 1/100-//30	R 1434	(B,41,48)	RS1/4S0R0J				R 1621	(A,98,88) (A,75,82)	RS1/16S104J RS1/16S470J	R 1903 R 1904	(A,78,73)	RS1/16S272J RS1/16S272J
R 1206	(A,138,39)	RS1/16S473J					E	E	1 1021	(7,10,02)	NO 1/1004/00	R 1904	(B,144,43)	N31/1032/2J
R 1207	(A.136,48)	RS1/16S473J	R 1501	(A,63,35)	RS1/16S0R0J		2	_	R 1622	(A,76,82)	RS1/16S470J	R 1905	(B,160,33)	RS1/16S153J
R 1208	(B.29,118)	RS1/16S512J	R 1502	(A,61,34)	RS1/16S0R0J				R 1623	(A,76,86)	RS1/16S103J	R 1906	(B,157,33)	RS1/4S102J
R 1209	(B.31,118)	RS1/16S102J	R 1505	(A,91,30)	RS1/16S562J				R 1624	(A,76,84)	RS1/16S103J	R 1907	(B.175.41)	RS1/10S271J
R 1210	(B,35,119)	RS1/16S101J	R 1506	(A,88,26)	RS1/16S562J				R 1625	(A,96,98)	RAB4C681J	R 1908	(B,175,63)	RS1/10S221J
			R 1507	(A,91,34)	RS1/16S562J				R 1626	(A,72,99)	RAB4C681J	R 1909	(B,175,45)	RS1/10S271J
R 1211	(B,33,121)	RS1/16S512J					-	_					,-,,	
R 1212	(A,31,123)	RS1/16S472J	R 1508	(A,91,35)	RS1/16S562J		•		R 1627	(B,70,92)	RS1/16S563J	R 1910	(A,167,59)	RS1/10S271J
R 1213	(A,34,123)	RS1/16S472J	R 1509	(A,91,40)	RS1/16S562J				R 1629	(A,96,102)	RAB4C681J	R 1911	(B,175,72)	RS1/16S122J
R 1214	(B,55,126)	RS1/16S0R0J	R 1510	(A,91,41)	RS1/16S562J				R 1630	(A,96,104)	RS1/16S473J	R 1912	(B,160,58)	RS1/16S0R0J
R 1215	(B,57,127)	RS1/16S0R0J	R 1511	(A,85,47)	RS1/16S101J				R 1631	(A,97,107)	RAB4C681J	R 1950	(B,111,90)	RS1/4S471J
5 4045			R 1512	(A.86,47)	RS1/16S101J				R 1632	(A,67,112)	RS1/16S473J	R 1951	(B,169,65)	RS1/16S432J
R 1216	(B,43,124)	RS1/16S0R0J											, -,,,	
R 1217	(B,49,124)	RS1/16S0R0J	R 1551	(B,69,34)	RS1/16S0R0J		F	F	R 1633	(A,67,107)	RS1/16S473J	R 1952	(B,169,64)	RS1/16S222J
R 1218	(B,30,129)	RS1/16S103J	R 1552	(B,69,32)	RS1/16S0R0J				R 1634	(A,72,109)	RAB4C681J	R 1953	(B,170,61)	RS1/16S223J
R 1219	(B,32,133)	RS1/16S103J	R 1553	(B,76,44)	RS1/16S182J				R 1635	(A,97,111)	RAB4C681J	R 1954	(B,109,41)	RS1/16S122J
R 1220	(A,33,128)	RS1/16S750J	R 1554	(B,72,42)	RS1/16S182J				R 1636	(A,92,122)	RS1/16S473J	R 2831	(A,38,17)	RS1/16S820J
			R 1555	(B,78,47)	RS1/16S102J				R 1637	(B,97,118)	RS1/16S473J	R 2832	(A,38,10)	RS1/16S820J
_	-		THE WEST OFFICE			167			168		197	42 (11) (44) (\$ Cares		
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	5	6	-	7 -	8				1 -	2	_	3	4
Cir	cuit Symbol and No.	Part No.	Circ C 1033	cuit Symbol and No. (A,126,46)	Part No. CKSRYBÎ04K16			Cir.	cult Symbol and No. (A,53,60)	Part No. CEVW221M16	C 162	Circuit Symbol and No. 3 (B,111,105)	Part No. CKSRYB103K50
2833 2834	(B,42,12) (B,43,8)	RS1/16S223J RS1/16S223J	C 1034	(A,101,22)	CEVW100M16	A		C 1501	(A,62,30)	CKSQYB105K16	C 182	1 (A,11,118)	CKSRYB823K16
2835	(B.44,12)	RS1/16S471J	C 1035	(A,107,22)	CEVW220M16	^	Α	C 1504	(A,79,25)	CKSQYB105K16	C 182	2 (B,17,124)	CKSRYB104K25
2836 2837	(B.45,8) (A,39,7)	RS1/16S471J RS1/16S820J	C 1101 C 1102	(A,103,120) (A,110,101)	CKSRYB104K16 CEVW100M16			C 1505 C 1506	(A,95,29) (A,90,28)	CKSQYB105K16 CKSQYB105K16	C 182 C 182		CKSRYB103K50 CKSRYB104K16
			C 1103	(A,116,101)	CEVW220M16			C 1507	(A,60,47)	CKSQYB105K16	C 182		CKSRYB102K50
2838 2839	(A,33,16) (B,35,8)	RS1/16S820J RS1/16S223J	C 1106	(B,111,112)	CKSRYB105K10			C 1508	(A,60,45)	CKSQYB105K16	C 182	6 (A,21,119)	CKSRYF104Z25
2840	(A,35,12)	RS1/16S223J	C 1100	(B,113,112)	CKSRYB105K10			C 1509	(A,91,32)	CKSQYB105K16	C 186		CKSRYB103K50
2841	(B,37,8)	RS1/16S471J	C 1108	(B,115,112)	CKSRYB105K10			C 1510	(A,95,35)	CKSQYB105K16	C 186	3 (B,163,111)	CKSYB106K6R3
2842	(B,32,13)	RS1/16S471J	C 1109 C 1112	(B,117,112) (B,117,123)	CKSRYB105K10 CCSRCH471J50			C 1511 C 1512	(A,95,37) (A,94,41)	CKSQYB105K16 CKSQYB105K16	C 186		CKSRYB104K25 CCSRCH102J50
2843	(A,27,16)	RS1/16S820J	0 1112	(0,117,123)	CCSRCI H7 1330			0 1312	(1,04,41)	OKOGI BIOSKIO	0 100	(1,100,04)	
2844	(A,27,7)	RS1/16S820J	C 1113	(B,119,121)	CCSRCH471J50	_	_	C 1513	(A,90,44)	CKSQYB105K16	C 186		CKSRYB104K16
R 2845 R 2846	(A,30,17) (A,25,8)	RS1/16S223J RS1/16S223J	C 1117 C 1201	(B,107,123) (A,32,114)	CKSRYB104K25 CKSRYB104K16	В	В	C 1514 C 1515	(A,92,44) (A,78,47)	CKSQYB105K16 CKSRYB103K50	C 186		CKSRYB105K10 CKSRYF103Z50
2847	(B,26,13)	RS1/16S471J	C 1202	(A,36,117)	CEVW100M16			C 1516	(A,82,52)	CEVW220M16	C 187	2 (A,146,77)	CKSRYB104K25
2848	(8,30,8)	RS1/16S471J	C 1203	(A,27,114)	CKSRYB105K10			C 1517	(A,61,40)	CEVW100M16	C 187	'3 (A,147,77)	CKSRYB334K10
2849	(A,92,23)	RS1/16SS681J	C 1204	(A,138,37)	CKSRYB103K50			C 1551	(B,91,43)	CCSRCH7R0D50	C 187	'4 (A,163,90)	CKSRYF103Z50
2850	(A,89,31)	RS1/16S473J	C 1206	(B,33,123)	CCSRCJ3R0C50			C 1552	(B,79,35)	CKSRYB222K50	C 187	'5 (A,153,79)	CEVW101M16
R 2851 R 2852	(A,54,9) (A,61,10)	RS1/16S0R0J RS1/16S0R0J	C 1208 C 1209	(A,35,126) (A,30,127)	CKSYB106K6R3 CKSYB106K6R3	•	•	C 1553 C 1554	(B,79,31) (B,76,48)	CKSRYB222K50 CKSRYB222K50	C 187		CEVW470M16 CKSRYB104K16
			C 1210	(B,33,131)	CKSRYB473K50			C 1555	(B,74,46)	CKSRYB222K50	C 187		CKSRYF104Z25
R 2853 R 2854	(A,60,9) (A,54,7)	RS1/16S0R0J RS1/16S0R0J	C 1301	(A,90,22)	CEVW100M16			C 1556	(0.70.50)	CCSRCJ3R0C50	C 187	'9 (A,156,91)	CKSRYB474K10
2855	(A,60,5)	RS1/16S0R0J	C 1301	(A,96,22)	CEVW220M16			C 1557	(B,76,56) (A,92,54)	CEVW101M16	C 186		CKSRYB104K25
2856	(A,54,5)	RS1/16S0R0J	C 1303	(A,81,24)	CKSRYB104K16	С	С	C 1558	(B,77,52)	CKSRYB103K50	C 186		CKSRYB104K25
R 2873	(B,92,10)	RS1/16S0R0J	C 1304 C 1305	(A,85,22) (A,82,18)	CEVW100M16 CKSRYB105K10			C 1559 C 1560	(B,75,36) (B,75,30)	CKSQYB225K10 CKSQYB225K10	C 188		CEVW470M16 CEVW101M16
2886	(B,84,28)	RS1/16S473J											
R 2887 R 2888	(8,86,29) (B,80,28)	RS1/16S104J RS1/10S102J	C 1306 C 1307	(B,86,24) (B,86,19)	CKSRYB105K10 CKSRYB105K10			C 1561 C 1562	(A,70,49) (A,65,49)	CEVW100M16 CEVW100M16	C 190 C 190		CEVW101M16 CKSRYB104K16
` 2000	(8,00,20)	1131/1031023	C 1308	(B,96,19)	CKSRYB105K10			C 1563	(B,96,45)	CKSYB475K16	C 190		CKSRYB104K25
APACI	TORS		C 1309	(B,96,18)	CKSRYB105K10	•	•	C 1564	(A,71,56)	CKSYB475K16	C 190		CKSRYB103K50
1001	(B,141,26)	CCSRCH101J50	C 1311	(B,77,23)	CCSRCJ3R0C50			C 1565	(A,98,40)	CKSRYB103K50	C 190	06 (A,161,30)	CKSRYB103K50
1002	(B,143,26)	CCSRCH101J50	C 1313	(B,74,22)	CKSYB106K6R3			C 1566	(A,74,60)	CKSRYB103K50	C 19		CKSRYB103K50
1003	(B,142,11)	CCSRCH101J50	C 1314 C 1315	(A,70,19) (B,99,8)	CKSYB106K6R3 CCSRCH471J50			C 1567 C 1568	(A,103,35) (A,75,65)	CEVW470M16	C 19		CEVW101M16
C 1004 C 1005	(B,143,17) (B,123,26)	CCSRCH101J50 CCSRCH101J50	C 1315	(B,78,16)	CKSRYB473K50	D	D	C 1569	(A,102,48)	CEVW470M16 CEVW330M10	C 19 C 19		CEVW101M16 CKSRYB104K25
			C 1318	(B,95,8)	CCSRCH471J50			C 1570	(A,103,42)	CEVW101M4	C 19		CKSRYB103K50
0 1006 0 1007	(B.139,26) (B.121,26)	CKSRYF104Z25 CCSRCH101J50	C 1353	(A,65,13)	CKSRYB104K16			C 1571	(A,63,64)	CEVW330M10	C 19	13 (B,170,56)	CKSRYB103K50
1006	(8,137,26)	CKSRYF104Z25	C 1354	(A,64,17)	CEVW100M16			C 1572	(A,69,64)	CEVW101M4	C 19	14 (B, 169,39)	CKSRYB103K50
1009	(B.119,26)	CCSRCH101J50	C 1355	(A,64,8)	CKSRYB105K10			C 1575	(B,80,47)	CKSRYB104K25	C 19		CEVW101M16
C 1010	(B,135,26)	CKSRYF104Z25	C 1361 C 1363	(B,61,13) (A,54,15)	CCSRCJ3R0C50 CKSYB106K6R3	1		C 1576 C 1577	(B,67,42) (A,76,51)	CKSRYB104K25 CEVW101M16	C 19 C 19		CEVW101M16 CEVW101M16
C 1011	(B,120,12)	CCSRCH471J50											
C 1012 C 1013	(B,133,26) (B,118,25)	CCSRCH101J50	C 1364 C 1365	(A,53,7) (B,51,14)	CKSYB106K6R3 CKSRYB473K50			C 1580 C 1601	(A,61,88) 22µF (B,119,101)	CCG1183 CKSRYB103K50	C 19 C 19		CKSRYB103K50 CEVW101M16
C 1014	(B,118,25) (B,131,26)	CCSRCH681J50 CCSRCH101J50	C 1401	(B,46,107)	CKSQYB225K10			C 1602	(A,81,82)	CKSRYB104K16	C 19		CKSRYB103K50
C 1015	(B,120,23)	CCSRCH681J50	C 1402	(B,50,100)	CKSQYB225K10			C 1603	(A,91,120)	CKSRYB103K50	C 19	21 (B,169,69)	CKSRYB103K50
C 1016	(B,129,26)	CCSRCH101J50	C 1404	(B,50,88)	CKSYB475K16	E	Ε	C 1604	(A,84,76)	CEVW100M16	C 19	22 (A,173,84)	CKSRYB104K16
C 1017	(B,118,14)	CCSRCH681J50	C 1405	(B,42,79)	CKSRYB103K50			C 1605	(A,87,79)	CKSRYB103K50	C 19		CEVW470M16
C 1018	(B,127,26)	CCSRCH101J50	C 1407 C 1408	(B,42,88) (B,42,51)	CKSRYB103K50 CKSRYB103K50			C 1606 C 1607	(A,94,120)	CKSRYB222K50	C 19		CKSRYB103K50
C 1019 C 1020	(A,119,18) (B,125,26)	CCSRCH681J50 CCSRCH101J50	C 1410	(A,51,92)	CEVW470M6R3			C 1610	(A,87,81) (A,73,93)	CKSRYB103K50 CKSRYB102K50	C 19 C 19		CEVW220M16 CEVW101M16
			C 1411	(A,53,49)	CEVW221M16			C 1611	(A,95,95)	CKSRYB102K50	C 19		CKSRYB103K50
C 1022 C 1023	(A,130,33) (A,126,35)	CKSYB106K6R3 CKSYB106K6R3	C 1415	(B,57,63)	CKSRYB103K50	-	-	C 1612	(A,72,106)	CKSRYB102K50	C 19	52 (B,115,86)	CKSRYB103K50
C 1026	(A,126,39)	CCSRCJ3R0C50	C 1418	(A,57,100)	CEVW100M16			C 1613	(A,82,113)	CKSRYB102K50	C 19	53 (A,127,87)	CEVW101M16
C 1027	(A,102,30)	CKSRYB105K10	C 1423 C 1424	(A,51,85) (A,56,83)	CEVW220M16 CKSRYB103K50			C 1614	(B,84,111)	CKSRYB105K10	C 19		CEVW101M16
C 1028	(A,106,30)	CKSRYB105K10	C 1424	(A,56,83) (B,51,105)	CCSRCH6R0D50			C 1615 C 1616	(A,90,115) (A,70,93)	CKSRYB103K50 CKSRYB104K16	C 19 C 19		CKSRYB103K50 CKSRYB103K50
C 1029	(A,106,29)	CKSRYB105K10				F	F						
C 1030	(A,106,27)	CKSRYB105K10	C 1427 C 1429	(B,53,111) (A,55,104)	CCSRCH6R0D50 CKSRYB103K50			C 1619	(A,102,90)	CKSRYB104K16	C 19		CEVW101M16
C 1031 C 1032	(A,129,49) (A,122,43)	CKSRYB105K10 CEVW100M16	C 1429	(A,56,74)	CKSRYB103K50 CKSRYB104K16			C 1620 C 1621	(A,96,86) (A,94,117)	CKSRYB104K16 CKSRYB104K16	C 28 C 28		CKSRYF104Z25 CKSRYF104Z25
		******	C 1431	(A,51,101)	CEVW100M16			C 1622	(B,112,98)	CKSRYB103K50	C 28	31 (A,38,20)	CEVW100M16
	5 =	6	以1000年7月1日 1000年1月 1000年100年100年100年100年100年100年100年100年10	7 _	8	169	_	170		- Nie	The state of the s	_	
	-	0	_	-	8	•			1 -	2	-	3 -	4

C 2832	rcult Symbol and No. (A.39,13)	Part No. CEVW100M16	Q 1402	cuit Symbol and No. (B,51,41) Transistor	Part No. 2SC3127				cult Symbol and No.	Part No.		cult Symbol and No.	Pa
0 2002	(, 1,00,10)	CEVIVIONIIO	Q 1402	(D,31,41) Transistor	2503127			D 1017	(B,126,9) Diode	UDZS6R8(B)	L 1003	(A,142,36) Inductor	CTF
C 2833	(B,42,15)	CKSRYB222K50	Q 1403	(B,67,106) Transistor	DTC124EU	A	Α	D 1018	(B,124,17) Diode	UDZS6R8(B)	L 1004	(A,143,36) Inductor	CTF
C 2834	(B,44,6)	CKSRYB222K50	Q 1404	(B,67,103) Transistor	DTC124EU		-	D 1019	(B,122,8) Diode	UMZ6R8N	L 1005	(A,133,31) Inductor	CTF
C 2837	(A,44,7)	CEVW100M16	Q 1405	(B,82,86) Transistor	DTC124EU			D 1020	(B,118,9) Diode	UMZ6R8N	L 1006	(A,135,31) Inductor	CTF
C 2838	(A,29,20)	CEVW100M16	Q 1406	(B,67,99) Transistor	DTC124EU			D 1021	(B,121,18) Diode	UMZ6R8N	L 1007	(A,136,31) Inductor	CTF
C 2839	(B,35,5)	CKSRYB222K50	Q 1551	(B,80,44) Transistor	2SA1576			D 1022	(B,117,17) Diode	UMZ6R8N	L 1008	(A,136,33) Inductor	CTF
C 2840	(B,33,15)	CKSRYB222K50	Q 1552	(B,67,39) Transistor	2SA1576			D 1023	(B,128,9) Diode	UDZS6R8(B)	L 1009	(A,116,21) Inductor	CTF
C 2843	(A,29,13)	CEVW100M16	Q 1555	(B,73,51) Transistor	2SC2412K	•		D 1101	(B,118,119) Diode	UMZ6R8N	L 1010	(A,118,21) Inductor	CTF
C 2844	(A,34,7)	CEVW100M16	Q 1556	(B,71,46) Transistor	2SC2412K			D 1102	(B,115,132) Diode	UMZ6R8N	L 1011	(A,118,25) Inductor	CTF
C 2845	(B,28,15)	CKSRYB222K50	Q 1557	(A,76,57) Transistor	2SC2412K			D 1103	(B,105,129) Diode	DAN202U	L 1012	(A,117,28) Inductor	CTF
C 2846	(B.28,5)	CKSRYB222K50	Q 1558	(B,92,48) Transistor	2SC2412K			D 1104	(B,105,133) Diode	DAP202U	L 1013	(A,121,30) Inductor	CTF
C 2849	(A.92,24)	CKSSYB102K50	Q 1559	(B,63,50) Transistor	FMG12			D 1201	(A,138,35) Diode	188355	L 1014	(A,122,30) Inductor	CTF
C 2851	(B,23,33)	CKSRYF103Z50	Q 1581	(B,59,85) Transistor	2SA1037K	В	В	D 1202	(A,137,49) Diode	1SS355	L 1015	(A,124,30) Inductor	CTF
C 2879	(A,96,21)	CEVW470M16	Q 1582	(B,59,91) Transistor	2SC4081	•	-	D 1203	(A,54,124) Diode	HZU12(B2)	L 1016	(A,123,22) Inductor	CTF
C 2880	(A,73,40)	CKSRYF104Z25	Q 1583	(B,65,88) Transistor	2SC4081			D 1204	(A,56,124) Diode	HZU12(B2)	L 1017	(A,127,21) Inductor	CTF
C 2886	(B,89,25)	CKSRYF104Z25	Q 1601	(B,114,101) Transistor	2SC2412K			D 1205	(A,43,124) Diode	HZU12(B2)	L 1018	(A,127,26) Inductor	CTF
C 2887	(B,20,32)	CKSRYF104Z25	Q 1607	(A,68,109) Transistor	2SC4081			D 1206	(A,49,124) Diode	HZU12(B2)	L 1019	(A,128,26) Inductor	CTF
			Q 1801	(B,149,65) Transistor	2SC3545			D 1207	(A.32,131) Diode	UMZ6R8N	L 1020	(A,130,29) Inductor	CTF
Mother T	Tuner Unit		Q 1802	(B,132,75) Transistor	DTC144EK			D 1208	(A,35,131) Diode	UMZ6R8N	L 1021	(A,132,34) Inductor	CTF
Consists			Q 1803	(B,137,75) Transistor	DTC144EK			D 1301	(B,108,19) Diode	UMZ6R8N	L 1022	(A,128,21) Inductor	CTF
Relay PC			Q 1821	(B,16,118) Transistor	DTC114EU			D 1302	(B,93,14) Diode	UMZ6R8N	L 1026	(B,122,41) Inductor	CTF
Mother F			Q 1822	(B,21,134) Transistor	DTC114WK			D 1303	(B,70,12) Diode	UMZ6R8N	L 1101	(A,105,108) Inductor	LCY/
Connect	OF PCB		Q 1871	(B,150,86) Transistor	DTC114EU			D 1304	(B,70,15) Diode	UMZ6R8N	L 1102	(A,112,118) Inductor	CTF
			Q 1872	(B,146,83) Transistor	2SA1037K	С	С	D 1353	(B,50,8) Diode	UMZ6R8N	L 1103	(A,113,118) Inductor	CTF
JK			Q 1881	(A,9,126) Transistor	DTC114EU	-	_	D 1354	(B,48,16) Diode	UMZ6R8N	L 1104	(A,117,118) Inductor	CTF
	Imbari CWM0045(1)//C V4D/VII/E14/	Q 1901	(A,78,77) Transistor	2SA1036K			D 1401	(A,51,73) Diode	1SR154-400	L 1105	(A,115,118) Inductor	CTF
	umber:CWM9945(Ame:Mother Tuner		Q 1902	(B,136,42) Transistor	2SA1036K			D 1402	(A,51,70) Diode	1SR154-400	L 1201	(A,35,113) Inductor	CTF
OIIII IVa	ine.mother luner	Unit	Q 1903	(A.81,71) Transistor	DTC114EK			D 1403	(A,52,66) Diode	1SR154-400	L 1301	(B,82,26) Inductor	CTF
			Q 1904	(B,146,41) Transistor	DTC114EK	_	_	D 1551	(B,101,46) Diode	MA153	L 1302	(B,90,18) Inductor	CTF
MISCELI	LANEOUS		Q 1905	(B,165,34) Transistor	2SB1260			D 1552	(B,69,61) Diode	MA153	L 1303	(B,86,12) Inductor	CTF
			Q 1906	(B,158,39) Transistor	DTC114EK			D 1553	(A,60,54) Diode	DAP202U	L 1304	(B,103,18) Inductor	CTF
IC 1001	(A,129,43) IC	NJM2137V	0 4007	(4.470.04) =	000.1005								
IC 1002	(B,106,27) IC	TA2050FS1	Q 1907 Q 1908	(A,172,61) Transistor	2SB1629		*	D 1580	(A,70,89) Diode	MA111	L 1305	(B,101,12) Inductor	CTF
IC 1101	(A,105,116) IC	HA12240FP		(A,173,42) Transistor	2SD2396			D 1581	(B,64,92) Diode	DAN202U	L 1351	(A,67,21) Inductor	CTF
IC 1102	(A,113,109) IC	TA2050FS1	Q 1909	(A,173,72) Transistor	2SD2396			D 1582	(B,67,84) Diode	UDZS8R2(B)	L 1401	(B,40,45) Inductor	LCTA
IC 1201	(A,31,118) IC	NJM2137V	Q 1951 Q 1952	(B,111,85) Transistor (B,109,45) Transistor	2SD2098 2SD2098	D	D	D 1602 D 1801	(B,110,102) Diode (B,124,76) Diode	DAN202U HZU3R3(B1)	L 1402 L 1403	(A,28,33) Inductor (B,51,79) Inductor	LCY/
IC 1301	(B,92,25) IC	TA2050FS1		, , , ,				2 1001	(5,124,10) 5,000	120010(01)	2 1400	(5,51,15) ###	2017
IC 1302	(A,77,21) IC	NJM2137V	Q 2801	(A,90,25) Transistor	2SC4081			D 1821	(A,9,121) Diode	S1G-6904G2P	L 1404	(A,32,36) Inductor	LCT
IC 1352	(A,61,11) IC	NJM2137V	Q 2831	(B,39,12) Transistor	DTC323TU			D 1822	(A,12,125) Diode	UDZS18(B)	L 1405	(A,56,92) Inductor	LCY
IC 1401	(A,53,79) IC	NJM2391DL1-33	Q 2832	(B,41,8) Transistor	DTC323TU			D 1823	(A.14.125) Diode	UDZS18(B)	L 1406	(B,59,61) Inductor	LCT/
IC 1402	(A,51,107) IC	NJM4558E	Q 2833	(B,32,8) Transistor	DTC323TU			D 1824	(A,19,115) Diode	1SS355	L 1407	(A,44,34) Coil	CTC
10.4504			Q 2844	(B,34,12) Transistor	DTC323TU	•	•	D 1871	(B,140,87) Diode	UDZS5R6(B)	L 1408	(B,51,51) Inductor	LCT
IC 1501	(A,76,36) IC	CXA2069Q	Q 2845	(D. 20. 42). Translates	DT0000T								
IC 1551 IC 1552	(A.97,43) IC	NJM2561F1	Q 2845 Q 2846	(B,29,12) Transistor	DTC323TU			D 1881	(B,10,115) Diode	UDZS18(B)	L 1409	(B,55,44) Inductor	LCT
	(A,71,58) IC	NJM2561F1	Q 2886	(B,27,8) Transistor	DTC323TU			D 1882	(A,58,116) Diode	1SS355	L 1410	(B,55,52) Inductor	LCT
IC 1601 IC 1603	(A,83,81) IC (A,83,100) IC	TC7SH04FUS1	D 1001	(B,87,26) Transistor (B,138,10) Diode	2SC4081 UDZS6R8(B)			D 1883	(B,10,126) Diode	UDZS6R8(B)	L 1411	(A,39,27) Coll	CTC
10 1003	(A,63,100) IC	PE5411B	D 1002	(B,138,17) Diode	UDZS6R8(B)	E	E	D 1884 D 1902	(B,142,110) Diode (B,168,42) Diode	RB500V-40 HZU9R1(B3)	L 1412 L 1413	(B,38,23) Inductor (A,49,26) Coll	CTC
IC 1604	(A,94,87) IC	TC7SH08FUS1		•	• •	_	E		, ,	• •			
IC 1605	(A,100,90) IC	TC7SH08FUS1	D 1003	(B,140,11) Diode	UDZS6R8(B)			D 1903	(B,168,71) Diode	UDZS5R6(B)	L 1501	(A,81,58) Inductor	LCY
IC 1607	(A,92,117) IC	TC7SH08FUS1	D 1004	(B,135,15) Diode	UDZS6R8(B)			D 1950	(B,105,84) Diode	UDZS13(B)	L 1551	(B,82,55) Inductor	LCT
IC 1608	(A,71,95) IC	TC7SH04FUS1	D 1005	(B.136,9) Diode	UDZS6R8(B)			D 1951	(B,114,44) Diode	UDZS5R6(B)	L 1552	(B,90,52) Inductor	LCT
IC 1821	(A,18,123) IC	NJM2904M	D 1006 D 1007	(B,140,17) Diode (B,133,15) Diode	UDZS6R8(B) UDZS6R8(B)			D 2801 D 2802	(B,26,33) Diode (B,22,35) Diode	UDZS6R8(B) UDZS6R8(B)	L 1553	(B,103,41) Inductor	LCT
IC 1871	(A,146,80) IC	S-812C33AMC-C2N		1-1.001101 21000	5520010(0)	, 8		U 2002	(0,22,33) DIOUS	ODESONO(D)	L 1554	(B,75,62) Inductor	LCT
IC 1872	(A,153,88) IC	S-L2980A50MC-C7J	D 1008	(B,133,8) Diode	UDZS6R8(B)			D 2811	(B,96,36) Diode	UDZS10(B)	L 1555	(B,83,58) Inductor	LCT
IC 1901	(A,166,84) IC	NJM2391DL1-33	D 1009	(B,131,15) Diode	UDZS6R8(B)			D 2812	(B,102,36) Diode	UDZS10(B)	L 1601	(A,89,80) Inductor	CTF
IC 1902	(B,164,61) IC	M5237ML	D 1010	(B,131,7) Diode	UDZS6R8(B)			D 2813	(B,76,28) Diode	UDZS5R6(B)	L 1602	(B,71,95) Inductor	CTF
Q 1101	(A,121,108) Transistor	DTC124EU	D 1011	(B,129,15) Diode	UDZS6R8(B)			D 2814	(B,76,26) Diode	UDZS5R6(B)	L 1603	(A,98,95) Inductor	CTF
			D 1012	(B,131,23) Diode	UMZ6R8N			D 2886	(B,73,35) Diode	S1G-6904G2P	L 1603	(A,69,105) Inductor	CTF
Q 1102	(A,120,115) Transistor (A,135,41) Transistor	2SA1576 2SA1037K	D 1013	(B,135,22) Diode	MA153	F	F	D 2007	(B 72 22) Diede	040 0004000	1 4765		
Q 1201			D 1013	(B,126,23) Diode	UMZ6R8N			D 2887 ZNR1401	(B,73,32) Diode (A,18,34) Surge Protector	S1G-6904G2P	L 1766	(A,80,115) Inductor	CTF
Q 1201 Q 1202	(A 136 45) Transistor								LE TH 341 Suma Declarion	RCCA-201Q31UA-PI	L 1801	(B,143,67) Inductor	LCT
Q 1202	(A.136.45) Transistor	2SC2412K											
	(A,136,45) Transistor (A,38,33) Transistor	2SC3357	D 1015 D 1016	(B,123,22) Diode (B,126,16) Diode	UMZ6R8N UDZS6R8(B)			L 1001 L 1002	(A,141,33) Inductor (A,142,33) Inductor	CTF1334 CTF1334	L 1802 L 1803	(B,133,67) Inductor (B,115,77) Inductor	LCTA

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<u>Circ</u> 1804	uit Symbol and No. (B,121,73) Inductor	Part No. LCTAW1R0J2520	<u>Cir</u> EF1902	(A,146,39) EMI Filter	Part No. CCG1172			<u>Cir</u> R 1305	cuit Symbol and No. (B,86,16)	Part No. RS1/16S223J	<u>Cir</u> R 1506	cult Symbol and No. (A,88,26)	Part No. RS1/16S562J
1821		CTF1306	EF1903	(A,152,39) EMI Filter	CCG1172	A	А	R 1306	(B,100,15)	RS1/16S223J	R 1507	(A,91,34)	RS1/16S562J
1841		CTF1334	EF2801	(A,70,32) EMI Filter	CCG1067			R 1307	(B,88,18)	RS1/16S101J	R 1508	(A,91,35)	RS1/16S562J
1842		CTF1334						R 1308	(B,100,19)	RS1/16S101J	R 1509	(A.91,40)	RS1/16S562J
1843		CTF1334	RESISTO	<u>DRS</u>				R 1309	(8,77,20)	RS1/16S512J	R 1510	(A,91,41)	RS1/16S562J
1844	(A,147,105) Inductor	CTF1334						R 1310	(B,81,20)	RS1/16S102J	R 1511	(A,85,47)	RS1/16S101J
			R 1001	(B,127,31)	R\$1/16\$750J								
1845		CTF1334	R 1004	(A,128,37)	RS1/16S472J			R 1311	(A,75,25)	RS1/16S101J	R 1512	(A,86,47)	RS1/16S101J
1846		CTF1334	R 1005	(A,129,38)	RS1/16S472J	-	•	R 1312	(B,78,23)	RS1/16S512J	R 1551	(B,69,34)	RS1/16S0R0.
1847		CTF1393	R 1006	(A,126,43)	RS1/16S512J			R 1313	(A,72,20)	RS1/16S472J	R 1552	(B,69,32)	RS1/16S0R0.
1848		CTF1393	R 1007	(A, 125,42)	RS1/16S102J			R 1314	(A,72,23)	RS1/16S472J	R 1553	(B,76,44)	RS1/16S182J
1849	(B,156,116) Inductor	CTF1393						R 1315	(A,72,17)	RS1/16S103J	R 1554	(B,72,42)	RS1/16S182J
1850	(A.161.113) Inductor	CTF1334	R 1008	(A,123,38)	RS1/16S101J			R 1316	(D.70.44)	RS1/16S103J	R 1555	(B,78,47)	RS1/16S102J
1851		CTF1334	R 1009	(A,125,39)	RS1/16S512J	_	_	R 1317	(B,78,14) (B,75,17)	RS1/16S750J	R 1556	(B,70,47) (B,70,39)	RS1/16S102J
1852		CTF1306	R 1010	(A,111,32)	RS1/16S101J	8	В	R 1351	(A,65,11)	RS1/16S563J	R 1557	(B,91,45)	RS1/16S102J
1853	(B,132,100) Inductor	CTF1306	R 1011	(A,111,28)	RS1/16S101J			R 1352	(A,66,8)	RS1/16S473J	R 1558	(B,76,57)	RS1/16S123
1861		CTF1306	R 1012	(A,109,30)	RS1/16S223J			R 1357	(B,61,10)	RS1/16S473J RS1/16S512J	R 1559	(B,76,57) (B,97,50)	RS1/16S123J
			R 1013	(A,109,29)	RS1/16S223J			1. 1337	(3,01,10)	. 10 17 1000 120	14 1558	(3,51,50)	110 11 100 1200
1862	(B,170,96) Inductor	CTF1334	R 1013	(A,109,32)	RS1/16S223J			R 1358	(B,65,10)	RS1/16S102J	R 1560	(B,72,58)	RS1/16S103.
1871		CTF1334	R 1015	(A,109,32) (A,109,27)	RS1/16S102J			R 1359	(A,58,15)	RS1/16S101J	R 1561	(B,72,35)	RS1/16S473.
1872	(A,166,90) Inductor	CTF1393	R 1016	(A,129,48)	RS1/16S563J	1		R 1360	(B,62,13)	RS1/16S512J	R 1562	(B,72,31)	RS1/16S473.
1873		CTF1393	R 1017	(A,126,49)	RS1/16S473J			R 1363	(A,56,10)	RS1/16S472J	R 1563	(B,69,50)	RS1/16S471J
1874	(B,128,68) Inductor	CTF1557		,				R 1364	(A,56,13)	RS1/16S472J	R 1564	(B,69,47)	RS1/16S471J
			R 1102	(A,101,112)	RS1/16S102J								
1881	(B,10,117) Inductor	CTF1306	R 1104	(A,104,123)	RS1/10S101J			R 1365	(B,52,10)	RS1/16S103J	R 1565	(B,72,56)	RS1/16S471.
2811	(B,98,34) Inductor	CTF1557	R 1105	(A,102,123)	RS1/10S101J			R 1366	(B,51,12)	RS1/16S103J	R 1566	(B,98,47)	RS1/16S471.
2812	(B,99,22) Inductor	CTF1557	R 1106	(A,103,126)	RS1/10S620J	С	С	R 1367	(A,53,12)	RS1/16S750J	R 1567	(A,64,53)	RS1/16S821.
2813	(B.42,19) Inductor	CTF1334	R 1107	(A,113,115)	RS1/16S102J			R 1401	(A,25,33)	RS1/16S105J	R 1568	(A,69,53)	RS1/16S821J
2814	(B,41,17) Inductor	CTF1334						R 1402	(B,47,110)	RS1/16S0R0J	R 1569	(B,75,34)	RS1/16S821.
2831	(A.36.16) Inductor	CTF1306	R 1108	(A,115,115)	RS1/16S102J								
2832		CTF1306	R 1109	(B,112,116)	RS1/16S223J			R 1403	(B,49,102)	RS1/16S0R0J	R 1570	(B,75,32)	RS1/16S821
2833	(A,20,22) Inductor		R 1110	(B,116,116)	RS1/16S223J			R 1404	(B,49,59)	RS1/16S681J	R 1571	(B,70,53)	RS1/16S104
2834	(A,23,21) Inductor (A,33,20) Inductor	CTF1306 CTF1306	R 1111	(A,111,115)	RS1/16S101J			R 1405	(B,49,56)	RS1/16S681J	R 1572	(B,65,53)	RS1/16S104
2835	(A,23,23) Inductor	CTF1306	R 1112	(A,117,115)	RS1/16S101J	•	-	R 1406	(B,43,32)	RS1/16S821J	R 1573	(A,108,39)	RS1/16S750
2030	(A,23,23) INOUGO	C171300		14 100 110				R 1407	(A,56,106)	RS1/16S103J	R 1574	(A,67,55)	RS1/16S105
2836	(A,21,21) Inductor	CTF1306	R 1113	(A,120,112)	RS1/16S332J			R 1408	(4.50.400)	D04/4604001	R 1575	(4.05.00)	D04/400750
2851	(B.71,21) Inductor	CTF1334	R 1114	(A,120,111)	RS1/16S682J			R 1406	(A,58,106)	RS1/16S103J RS1/16S273J	R 1575	(A,65,68)	RS1/16S750
2852	(B,75,21) Inductor	CTF1334	R 1115	(A,120,119)	RS1/10S222J			R 1410	(A,52,111) (B,53,102)	RS1/16S273J	R 1580	(A,70,68) (B,98,43)	RS1/16S0R0 RS1/16S105
2853	(B,79,20) Inductor	CTF1334	R 1118 R 1119	(A,101,111)	RS1/16S0R0J RS1/16S0R0J	D	D	R 1411	(B,47,34)	RS1/16S330J	R 1581	(B,55,85)	RS1/4S821J
2854	(B,71,19) Inductor	CTF1334	K III9	(A,101,109)	NS1/1030NW	U	D	R 1412	(A,56,110)	RS1/16S183J	R 1582	(B,56,90)	RS1/16S223.
	•		R 1201	(A,135,36)	RS1/16S473J				(· ·/••/		11 1302	(2,30,50)	110 17 100223
2855	(B.75,19) Inductor	CTF1334	R 1202	(A.29,117)	RS1/16S563J			R 1413	(A,58,108)	RS1/16S183J	R 1583	(B,62,89)	RS1/16S473.
2856	(8,79,18) Inductor	CTF1334	R 1203	(A,29,114)	RS1/16S473J			R 1414	(B,55,46)	RS1/16S151J	R 1584	(B,59,89)	RS1/16S223
2857	(8,88,11) Inductor	CTF1334	R 1204	(A,136,38)	RS1/16S473J			R 1415	(B,51,107)	RS1/16S753J	R 1585	(B,70,90)	RS1/16S563.
2859	(A,93,17) Inductor	CTF1334	R 1205	(A,138,42)	RS1/16S473J	_	_	R 1416	(B,53,109)	RS1/16S753J	R 1586	(B,69,86)	RS1/16S223.
2861	(B,75,23) Inductor	CTF1334						R 1417	(B,55,42)	RS1/16S681J	R 1587	(B,62,84)	RS1/16S473
			R 1206	(A,138,39)	RS1/16S473J								
2862	(B.82,28) Inductor	CTF1334	R 1207	(A,136,48)	RS1/16S473J			R 1418	(B,55,38)	RS1/16S152J	R 1588	(A,70,86)	RS1/16S101
2886	(B,82,25) Inductor	CTF1295	R 1208	(B,29,118)	RS1/16S512J			R 1419	(B,41,29)	RS1/16S332J	R 1601	(B,115,105)	RS1/16S272
1601	(A,86,114) Radiator 12.58MHz		R 1209	(B,31,118)	RS1/16S102J			R 1420	(B,50,36)	RS1/16S680J	R 1602	(B,117,101)	RS1/16S101
R1551 FU1202	(A,96,48) Semi-fixed 10k(x(B) (A,44,118) Fuse 4A		R 1210	(B,35,119)	RS1/16S101J			R 1421	(B,53,36)	RS1/16S151J	R 1603	(B,107,102)	RS1/16S333
FU1202	(A,44,110) PUSB 4A	CEK1288				E	Ε	R 1422	(B,50,23)	RS1/16S151J	R 1604	(B,113,105)	RS1/16S473
FU1703	(A,86,122) Fuse 4A	CEK1288	R 1211	(B,33,121)	RS1/16S512J			0.440-	(D. 40.00)				
FU1704	(A,66,122) Fuse 4A (A,68,124) Fuse 4A	CEK1288 CEK1288	R 1212	(A,31,123)	RS1/16S472J			R 1423	(B,46,26)	RS1/16S101J	R 1607	(A,90,81)	RS1/16S104
∆FU1951	(A,00,124) Fuse 4A (A,118,87) Fuse 2A	CEK1288 CEK1284	R 1213	(A,34,123)	RS1/16S472J			R 1424	(B,53,22)	RS1/16S680J	R 1610	(A,94,83)	RS1/16S681
FU2801	(A,24,20) Fuse 5A	CEK1289	R 1214	(B,55,126)	RS1/16S0R0J			R 1425	(B,72,100)	RS1/16S473J	R 1611	(A,100,87)	RS1/16S681
1865	(A,167,101) Sensor	CSX1074	R 1215	(B,57,127)	RS1/16S0R0J			R 1426	(B,49,81)	RS1/16S681J	R 1612	(A,84,85)	RAB4C681J
	V 4.07,107, 001801		D 4040	(0.40.404)				R 1427	(B,86,85)	RS1/16S473J	R 1613	(B,97,109)	RS1/16S472
1863	(A,169,113) Sensor	CSX1078	R 1216	(B,43,124)	RS1/16S0R0J	_	-	D 1400	(D 40 E4)	D04/400004 I	D 45**	44.04.00	
1801	(A,124,70) Tuner Unit	CWE1674	R 1217	(B,49,124)	RS1/16S0R0J			R 1428	(B,49,54)	RS1/16S681J	R 1614	(A,94,89)	RS1/16S681
1401	(A,46,44) FWAM Tuner Unit		R 1218	(B,30,129)	RS1/16S103J			R 1429 R 1430	(B,49,64)	RS1/16S681J	R 1615	(A,80,86)	RS1/16S473
F1001	(A,139,32) EMI Filter	CCG1082	R 1219 R 1220	(B,32,133)	RS1/16S103J			R 1430 R 1431	(B,49,66) (B,49,61)	RS1/16S681J	R 1617	(A,73,90)	RS1/16S681
F1201	(A,30,131) EMI Filter	CCG1067	H 1220	(A,33,128)	RS1/16S750J			R 1431 R 1432		RS1/16S681J	R 1618	(A,96,92)	RAB4C681J
	, ,		D 4204	(A 92.24)	DD4#40705 :	F	-	R 1432	(B,72,102)	RS1/16S473J	R 1619	(A,98,88)	RS1/16S104
F1301	(A,74,17) EMI Filter	CCG1067	R 1301	(A,82,21)	RS1/16S563J	ř	F	D 4422	(D 71 106)	D04/460/701	E 4001	(4.75.00)	D04****
F1351	(A.52.10) EMI Filter	CCG1067	R 1302	(A,80,18)	RS1/16S473J			R 1433 R 1501	(B,71,106)	RS1/16S473J	R 1621	(A,75,82)	RS1/16S470.
			R 1303	(A,85,17)	RS1/16S102J				(A,63,35)	RS1/16S0R0J	R 1622	(A,76,82)	RS1/16S470.
F1701	(A,91,125) EMI Filter	CCG1067	D 4304	(A 00 17)	DC4/4004004			D 1503	/A R1 3/1\	DC1/16C0D01	D 4800	/A 76 96\	DOMESTIC
	(A,91,125) EMI Filter (A,157,29) EMI Filter	CCG1067 CCG1172	R 1304	(A,99,17)	RS1/16S102J			R 1502 R 1505	(A,61,34) (A,91,30)	RS1/16S0R0J RS1/16S562J	R 1623 R 1624	(A,76,86) (A,76,84)	RS1/16S103. RS1/16S103.

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Circ	cuit Symbol and No.	Part No.	Cir	cuit Symbol and No.	Don't Ma			11 11 01-			-		
R 1625	(A,96,98)				Part No.			<u> UII</u>	cult Symbol and No.	Part No.		cuit Symbol and No.	Part No.
K 1023	(4,96,96)	RAB4C681J	R 1881	(B,10,120)	RS1/4S102J			C 1010	(B,135,26)	CKSRYF104Z25	C 1363	(A,54,15)	CKSYB106K6R3
R 1626	(A,72,99)	RAB4C681J	R 1901	(A,78,74)	D0444004001								
R 1627	(B,70.92)	RS1/16S563J	R 1901	(B.141.42)	RS1/16S102J RS1/16S102J	A	Α	C 1011	(B,120,12)	CCSRCH471J50	C 1364	(A,53,7)	CKSYB106K6R3
R 1628	(A,71,103)	RAB4C681J	R 1903	(A,78,73)	RS1/16S272J			C 1012	(B,133,26)	CCSRCH101J50	C 1365	(B,51,14)	CKSRYB473K50
R 1629	(A.96,102)	RAB4C681J	R 1904	(B,144,43)	RS1/16S272J			C 1013	(B,118,25)	CCSRCH681J50	C 1401	(B,46,107)	CKSQYB225K10
R 1630	(A,96,104)	RS1/16S473J	R 1905	(B,160,33)				C 1014	(B,131,26)	CCSRCH101J50	C 1402	(B,50,100)	CKSQYB225K10
	(1,00,104)	1131/1054/35	N 1905	(0,100,33)	RS1/16S153J			C 1015	(B,120,23)	CCSRCH681J50	C 1403	(A,26,36)	CCSRCH270J50
R 1631	(A,97,107)	RAB4C681J	R 1906	(B,157,33)	RS1/4S102J			C 1016	(B,129,26)	CCSRCH101J50	C 1404	(B,50,88)	CKSYB475K16
R 1632	(A,67,112)	RS1/16S473J	R 1907	(B,175,41)	RS1/10S271J			C 1017	(B,118,14)	CCSRCH681J50	C 1405	(B,42,79)	CKSRYB103K50
R 1633	(A,67,107)	RS1/16S473J	R 1908	(B,175,63)	RS1/10S221J			C 1018	(B,127,26)	CCSRCH101J50	C 1406	(A,28,36)	CCSRCH220J50
R 1634	(A,72,109)	RAB4C681J	R 1909	(B,175,45)	RS1/10S271J			C 1019	(A,119,18)	CCSRCH681J50	C 1400	(B,42,88)	CKSRYB103K50
R 1635	(A,97,111)	RAB4C681J	R 1910	(A,167,59)	RS1/10S271J			C 1019	(B,125,26)	CCSRCH101J50	C 1407	(B,42,51)	CKSRYB103K50
R 1636	(4.00.400)								,			(=,,=,=,,	
R 1637	(A,92,122) (B,97,118)	RS1/16S473J RS1/16S473J	R 1911	(B,175,72)	RS1/16S122J			C 1022	(A,130,33)	CKSYB106K6R3	C 1409	(A,31,33)	CCSRCH270J50
R 1638	(B,71,97)	RS1/16S104J	R 1912	(B,160,58)	RS1/16S0R0J	В	В	C 1023	(A,126,35)	CKSYB106K6R3	C 1410	(A,51,92)	CEVW470M6R3
R 1640	(B,79,109)	RS1/16S681J	R 1950	(B,111,90)	RS1/4S471J			C 1026	(A,126,39)	CCSRCJ3R0C50	C 1411	(A,53,49)	CEVW221M16
R 1641	(A,92,114)		R 1951	(B,169,65)	RS1/16S432J			C 1027	(A,102,30)	CKSRYB105K10	C 1412	(A,33,33)	CCSRCH330J50
11 1041	(A.52,114)	RS1/16S681J	R 1952	(B,169,64)	RS1/16S222J			C 1028	(A,106,30)	CKSRYB105K10	C 1413	(A,35,36)	CCSRCH470J50
R 1642	(B,86,111)	RS1/16S473J	R 1953	(B,170,61)	RS1/16S223J			C 1029	(A,106,29)	CKSRYB105K10	C 1414	(B.39.33)	CKSRYB103K50
R 1643	(B,72,108)	RS1/16S473J	R 1954	(B,109,41)	RS1/16S122J			C 1029	(A,106,27)	CKSRYB105K10	C 1415	(B,57,63)	CKSRYB103K50
R 1644	(B,80,111)	RS1/16S473J	R 2831	(A,38,17)	RS1/16S820J			C 1030	(A,129,49)				
R 1647	(B,76,109)	RS1/16S473J	R 2832	(A,38,10)	RS1/16S820J	_	-	C 1031	(A,122,43)	CKSRYB105K10 CEVW100M16	C 1418 C 1419	(A,57,100) (B,58,40)	CEVW100M16 CKSRYB103K50
R 1651	(B,77,116)	RS1/16S473J	R 2833	(B.42,12)	RS1/16S223J			C 1032	(A,126,46)	CKSRYB104K18	C 1419	(B,50,48)	CCSRCH270J50
				(=::=,:=,	110171002200			0 1033	(A, 120,40)	CASAIDIOANIO	C 1420	(8,50,46)	CC5RCH270050
R 1652	(B,79,116)	RS1/16S473J	R 2834	(B,43,8)	RS1/16S223J			C 1034	(A,101,22)	CEVW100M16	C 1421	(A,50,32)	CKSRYB103K50
R 1657	(B,72,110)	RS1/16S473J	R 2835	(B,44,12)	RS1/16S471J			C 1035	(A,107,22)	CEVW220M16	C 1422	(B,51,45)	CCSRCH150J50
R 1658	(B,72,112)	RS1/16S473J	R 2836	(B,45,8)	RS1/16S471J	С	С	C 1101	(A,103,120)	CKSRYB104K16	C 1423	(A,51,85)	CEVW220M16
R 1659	(A,82,79)	RS1/16S473J	R 2837	(A,39,7)	RS1/16S820J	•	•	C 1102	(A,110,101)	CEVW100M16	C 1424	(A,56,83)	CKSRYB103K50
R 1661	(A,90,85)	RS1/16S681J	R 2838	(A,33,16)	RS1/16S820J			C 1103	(A,116,101)	CEVW220M16	C 1425	(B,51,105)	CCSRCH6R0D50
R 1662	(A,87,85)	RS1/16S681J											
R 1663	(B.88,88)		R 2839	(B,35,8)	RS1/16S223J			C 1106	(B,111,112)	CKSRYB105K10	C 1426	(B,86,89)	CKSRYB103K50
R 1664	(A.88,85)	RS1/16S681J RS1/16S681J	R 2840	(A,35,12)	RS1/16S223J			C 1107	(B,113,112)	CKSRYB105K10	C 1427	(B,53,111)	CCSRCH6R0D50
R 1801	(B,147,69)	RS1/16S152J	R 2841	(B,37,8)	RS1/16S471J		-	C 1108	(B,115,112)	CKSRYB105K10	C 1428	(B,55,39)	CKSRYB222K50
R 1802	(B,144,65)	RS1/16S151J	R 2842	(B,32,13)	RS1/16S471J		•	C 1109	(B,117,112)	CKSRYB105K10	C 1429	(A,55,104)	CKSRYB103K50
11 1002	(8,144,03)	K31/1631313	R 2843	(A,27,16)	RS1/16S820J			C 1112	(B,117,123)	CCSRCH471J50	C 1430	(A,56,74)	CKSRYB104K16
R 1803	(B,145,63)	RS1/16S681J	R 2844	(A,27,7)	RS1/16S820J			0.4440	(5.440.404)	000001117117			
R 1806	(B,148,102)	RS1/16S0R0J	R 2845	(A,30,17)	RS1/16S820J			C 1113	(B,119,121)	CCSRCH471J50	C 1431	(A,51,101)	CEVW100M16
R 1807	(B,128,73)	RS1/16S391J	R 2846	(A,25,8)	RS1/16S223J			C 1117 C 1201	(B,107,123)	CKSRYB104K25 CKSRYB104K16	C 1432	(A,34,24)	CKSRYB103K50
R 1808	(B,132,78)	RS1/16S473J	R 2847	(B,26,13)	RS1/16S471J	_	_		(A,32,114)		C 1433	(B,49,28)	CKSRYB222K50
R 1810	(B,120,68)	RS1/16S221J	R 2848	(B,30,8)	RS1/16S471J	D	D	C 1202 C 1203	(A,36,117) (A,27,114)	CEVW100M16 CKSRYB105K10	C 1434 C 1435	(A,44,23) (B,48,22)	CKSRYB222K50
				(2,55,5)	1101/1004/10			C 1203	(0,21,114)	CKSKIBIOSKIO	C 1435	(B,46,22)	CKSRYB222K50
R 1821	(A,21,122)	RS1/16S0R0J	R 2849	(A,92,23)	RS1/16SS681J			C 1204	(A,138,37)	CKSRYB103K50	C 1436	(B,74,104)	CKSRYB103K50
R 1822	(B,14,123)	RS1/16S333J	R 2850	(A,89,31)	RS1/16S473J			C 1206	(B,33,123)	CCSRCJ3R0C50	C 1437	(B,54,48)	CKSRYB103K50
R 1823	(A,12,121)	RS1/16S203J	R 2851	(A,54,9)	RS1/16S0R0J			C 1208	(A,35,126)	CKSYB106K6R3	C 1442	(A,53,60)	CEVW221M16
R 1824	(A,20,117)	RS1/16S822J	R 2852	(A,61,10)	RS1/16S0R0J	_	_	C 1209	(A,30,127)	CKSYB106K6R3	C 1501	(A,62,30)	CKSQYB105K16
R 1825	(A,19,113)	RS1/16S202J	R 2853	(A.60,9)	RS1/16S0R0J		•	C 1210	(B,33,131)	CKSRYB473K50	C 1504	(A,79,25)	CKSQYB105K16
R 1826	(A,16,115)	RS1/16S564J	R 2854	(A,54,7)									
R 1827	(A,17,117)	RS1/16S513J	R 2855		RS1/16S0R0J			C 1301	(A,90,22)	CEVW100M16	C 1505	(A,95,29)	CKSQYB105K16
R 1828	(A,14,119)	RS1/16S513J	R 2856	(A,60,5) (A,54,5)	RS1/16S0R0J			C 1302	(A,96,22)	CEVW220M16	C 1508	(A,90,28)	CKSQYB105K16
R 1829	(B.24,118)	RS1/16S102J	R 2873	(B,92,10)	RS1/16S0R0J			C 1303	(A,81,24)	CKSRYB104K16	C 1507	(A,60,47)	CKSQYB105K16
R 1830	(B,22,117)	RS1/16S102J	R 2886	(B,84,28)	RS1/16S0R0J			C 1304	(A,85,22)	CEVW100M16	C 1508	(A,60,45)	CKSQYB105K16
	(-1(-1)	11001020	N 2000	(6,64,26)	RS1/16S473J	E	Ε	C 1305	(A,82,18)	CKSRYB105K10	C 1509	(A,91,32)	CKSQYB105K16
R 1831	(B,21,122)	RS1/16S104J	R 2887	(B,86,29)	RS1/16S104J			C 1306	(B,86,24)	CKSRYB105K10	C 1510	(A DE 35)	CHECKBACERAE
R 1832	(B.21,126)	RS1/16S513J	R 2888	(B,80,28)	RS1/10S102J			C 1307	(B,86,19)	CKSRYB105K10	C 1510	(A,95,35) (A,95,37)	CKSQYB105K16
R 1833	(B,16,127)	RS1/16S473J		(0,00,20)	1101/1001025			C 1307	(B,96,19)	CKSRYB105K10	C 1511	(A,95,37) (A,94,41)	CKSQYB105K16
R 1834	(B.18,127)	RS1/16S563J	CAPACIT	TORS				C 1309	(B,96,18)	CKSRYB105K10	C 1512	(A,94,41) (A,90,44)	CKSQYB105K16
R 1835	(A,20,128)	RS1/16S104J	WENLING!	.0130				C 1311	(B,77,23)	CCSRCJ3R0C50	C 1513	(A,90,44) (A,92,44)	CKSQYB105K16 CKSQYB105K16
			C 1001	(B,141,26)	CCSRCH101J50			0 1311	(8,77,23)	CCSNCCSNCCSC	C 1314	(1,82,44)	CNSCITETOSKTO
R 1841	(A,160,110)	RS1/16S104J	C 1002	(B,143,26)	CCSRCH101J50			C 1313	(B,74,22)	CKSYB106K6R3	C 1515	(A,78,47)	CKSRYB103K50
R 1843	(B,144,108)	RS1/16S101J	C 1003	(B,142,11)	CCSRCH101J50			C 1314	(A,70,19)	CKSYB106K6R3	C 1516	(A,82,52)	CEVW220M16
R 1861	(B,165,122)	RS1/10S105J	C 1004	(B,143,17)	CCSRCH101J50			C 1315	(B,99,8)	CCSRCH471J50	C 1517	(A,61,40)	CEVW220M16 CEVW100M16
R 1862	(B,164,115)	RS1/10S151J	C 1005	(B,123,26)	CCSRCH101J50			C 1316	(B,78,16)	CKSRYB473K50	C 1517	(B,91,43)	CCSRCH7R0D50
R 1871	(B,146,79)	RS1/10S103J		,-,.20,20)	00000110100			C 1318	(B,95,8)	CCSRCH471J50	C 1552	(B.79,35)	CKSRYB222K50
R 1872	(B 140 92)	BOAMAGAAA I	C 1006	(B,139,26)	CKSRYF104Z25	F	F		,		J .532	(0,. 0,00)	CHOIN DEZENSU
R 1872 R 1873	(B,149,82)	RS1/10S103J	C 1007	(B,121,26)	CCSRCH101J50			C 1353	(A,65,13)	CKSRYB104K16	C 1553	(B,79,31)	CKSRYB222K50
	(B,143,84)	RN1/16SE1001D	C 1008	(B,137,26)	CKSRYF104Z25			C 1354	(A,64,17)	CEVW100M16	C 1554	(B,76,48)	CKSRYB222K50
R 1874	(B,139,84)	RN1/16SE1101D	C 1009	(B,119,26)	CCSRCH101J50			C 1355	(A,64,8)	CKSRYB105K10	C 1555	(B,74,46)	CKSRYB222K50
R 1875	(B.140,89)	RN1/16SE1001D						C 1361	(B,61,13)	CCSRCJ3R0C50	C 1556	(B,76,56)	CCSRCJ3R0C50
		Tak Mylan	11. 121 4 64			175		176			STATE OF THE PARTY	,	
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Circ	uit Symbol and No	Part No.	Circ	cuit Symbol and No.	Part No.			Cir	cult Symbol and No.	Part No.	Çir	cult Symbol and No.	Part No.
1557	(A,92,54)	CEVW101M16	C 1866	(A,173,96)	CKSRYB104K16			C 2849	(A,92,24)	CKSSYB102K50	Q 4156	(A,39,26) Transistor	UMZ1N
1558	(B,77,52)	CKSRYB103K50	C 1867	(A,174,107)	CKSRYB105K10	A		C 2851	(B,23,33)	CKSRYF103Z50	Q 4182	(A,39,21) Transistor	UMX2N
1559	(B,75,36)	CKSQYB225K10	C 1871	(B,161,87)	CKSRYF103Z50	^	Α	C 2879	(A,96,21)	CEVW470M16	Q 4183	(A.39.16) Transistor	UMT2N
1560	(B,75,30)	CKSQYB225K10	C 1872	(A,146,77)	CKSRYB104K25			C 2880	(A,73,40)	CKSRYF104Z25	Q 4603	(A,98,26) Transistor	2SC4617
1561	(A,70,49)	CEVW100M16	C 1873	(A,147,77)	CKSRYB334K10			C 2886	(8,89,25)	CKSRYF104Z25	Q 4681	(A,11,7) Transistor	IMD3A
1562	(A,65,49)	CEVW100M16	C 1874	(A,163,90)	CKSRYF103Z50			C 2887	(B,20,32)	CKSRYF104Z25	Q 4682	(A,11,11) Transistor	IMD3A
1563	(B.96,45)	CKSYB475K16	C 1875	(A,153,79)	CEVW101M16			Monitor	Unit		Q 4683	(A,11,15) Transistor	FMG12
1564	(A,71,56)	CKSYB475K16	C 1876	(A,140,78)	CEVW470M16			Consists			Q 4741	(A,119,60) Transistor	DTA123JK
1565	(A,98,40)	CKSRYB103K50	C 1877	(A,154,91)	CKSRYB104K16						Q 4742	(A,119,56) Transistor	DTC124EK
1566	(A,74,60)	CKSRYB103K50	C 1878	(A,150,88)	CKSRYF104Z25			Monitor			Q 4831	(A,148,28) Transistor	2SB1260
1567	(A,103,35)	CEVW470M16	C 1879	(A,156,91)	CKSRYB474K10			Upper Polymerter			Q 4832	(A,141,22) Transistor	DTC114EK
1568	(A,75,65)	CEVW470M16	C 1880	(A.144,77)	CKSRYB104K25				LYE		Q 4833	(A,140,18) Transistor	2SC4617
1569	(A,102,48)	CEVW330M10	C 1881	(B,10,123)	CKSRYB104K25	В	В				Q 4835	(A,100,45) Transistor	2SD1664
1570	(A,103,42)	CEVW101M4	C 1882	(A,146,88)	CEVW470M16			GH			Q 4851	(A,131,26) FET	CPH6316
1571	(A,63,64)	CEVW330M10	C 1901	(A,158,36)	CEVW101M18			Umid Ni	THE PARTY CHANGE OF CALL	MAC NOWILLION	Q 5001	(B.12.33) Transistor	2SC4617
1572	(A,69,64)	CEVW101M4	C 1902	(A,145,46)	CEVW101M16				imber:CWM9950(A		Q 5002	(B,13,36) Transistor	2SC4617
									mber:CWM9949(A	WIC-X1R/XU/EW)			
1575	(B.80.47)	CKSRYB104K25	C 1903	(A,78,80)	CKSRYB104K16			Unit Na	me:Monitor Unit		Q 5003	(B,8,36) Transistor	DTA144EE
1576	(B.67,42)	CKSRYB104K25	C 1904	(B,132,41)	CKSRYB104K25						Q 5004	(B,6,35) Transistor	2SC4617
1577	(A,76,51)	CEVW101M16	C 1905	(A,143,40)	CKSRYB103K50	•		MISCEL	LANEOUS		Q 5011	(B,10,10) Transistor	2SC4097
1580	(A,61,88) 22µF	CCG1183	C 1906	(A,161,30)	CKSRYB103K50			1111 - 1111			Q 5020	(B,9,64) Transistor	2SC4617
1601	(B,119,101)	CKSRYB103K50	C 1907	(B,170,34)	CKSRYB103K50			IC 4001	(A.28.50) IC	TC90A64AF-P	Q 5101	(B,12,69) Transistor	2SC4617
1602	(A,81,82)	CKSRYB104K16	C 1908	(A,166,31)	CEVW101M16			IC 4061	(A,55,79) IC	TC7SH08FUS1	Q 5102	(B.11.67) Transistor	2SC4617
1603	(A,91,120)	CKSRYB103K50	C 1908	(A, 100,31) (A, 166,45)	CEVW101M16			IC 4141	(A,62,38) IC	TC7SH08FUS1	Q 5102	(B,10,62) Transistor	2SC4617 2SA1774
1604	(A,84,76)	CEVW100M16	C 1911	(B,168,61)	CKSRYB104K25	_	_	IC 4142	(A,67,43) IC	TK15404AMI	Q 5105	(B,7,67) Transistor	UMX2N
1605	(A,87,79)	CKSRYB103K50	C 1912	(B,169,44)	CKSRYB103K50	С	С	IC 4151	(A,53,34) IC	NJM2138V	D 4301	(A,5,132) Diode	DAN202U
1606	(A,94,120)	CKSRYB222K50	C 1913	(B,170,56)	CKSRYB103K50						D 4311	(A,11,37) Diode	AM-30-21
	,/		0 .0.0	,_,,	2. 10. 1, a 1001100			IC 4181	(A,45,18) IC	NJM082BV	2 4011	(-1,11,01) Stode	. 411 00 21
1607	(A,87,81)	CKSRYB103K50	C 1914	(B,169,39)	CKSRYB103K50			IC 4212	(A,102,28) IC	TC7SH08FUS1	D 4321	(A,9,119) LED	CL-490S-WF-SD
1610	(A,73,93)	CKSRYB102K50	C 1915	(A,166,53)	CEVW101M16			IC 4311	(A,11,33) IC	NJM062V	D 4322	(A,9,50) LED	CL-490S-WF-SD
1611	(A,95,95)	CKSRYB102K50	C 1916	(A,166,38)	CEVW101M16			IC 4311	(A,11,33) IC	NJM062V	D 4355	(A,10,160) LED	CL-190UB2-X
1612	(A,72,106)	CKSRYB102K50	C 1917	(A,155,46)	CEVW101M16			IC 4601	(A,77,31) IC	PE5413B	D 4356	(A,10,148) LED	CL-190UB2-X
1613	(A,82,113)	CKSRYB102K50	C 1918	(A,155,41)	CKSRYB103K50			IC 4602	(A,67,10) IC	S-80835CNNB-B8U	D 4357	(A,10,21) LED	CL-190UB2-X
1614	(B,84,111)	CKSRYB105K10	C 1919	(A,165,74)	CEVW101M16			IC 4651	(A,64,25) IC	S-93C46BR0I-J8T1	D 4358	(A,10,9) LED	CL-190UB2-X
C 1615	(A,90,115)	CKSRYB103K50	C 1920	(B,169,73)	CKSRYB103K50			IC 4701	(A,106,68) IC	PD6340A	D 4601	(A,99,32) Diode	RB500V-40
1616	(A,70,93)	CKSRYB104K16	C 1921	(B,169,69)	CKSRYB103K50			IC 4702	(A,137,76) IC	TC7SH08FUS1	D 4681	(A,14,13) Diode	MA111
1619	(A,102,90)	CKSRYB104K16	C 1922	(A,173,84)	CKSRYB104K16	D	D	IC 4841	(A,125,45) IC	R1130H251B	D 4682	(A,13,18) Diode	MA111
1620	(A,96,86)	CKSRYB104K16	C 1923	(A,166,65)	CEVW470M16			IC 4851	(A,134,21)	R1224N102H	D 4683	(A,10,20) Diode	UDZS5R6(B)
1621	(A,94,117)	CKSRYB104K16	C 1924	(A,173,86)	CKSRYB103K50			IC 4861	(A,143,47) IC	MAX1748EUES1	D 4684	(A.10.25) Diode	UDZS5R6(B)
1622	(B,112,98)	CKSRYB103K50	C 1925	(A,172,91)	CEVW220M16			IC 4901	(A,93,19) IC	NJM2903V	D 4701	(A,114,77) Diode	UDZS5R6(B)
1623	(B,111,105)	CKSRYB103K50	C 1950	(A,122,94)	CEVW101M16			IC 5002	(B,5,14) IC	TC7SET08FUS1	D 4702	(A,113,77) Diode	UDZS5R6(B)
1801	(B,149,69)	CKSRYB222K50	C 1951	(B,108,85)	CKSRYB103K50	_	_	IC 5003	(B,10,46) IC	OZ961ISN	D 4703	(A,121,73) Diode	UDZS5R6(B)
1802	(B,139,67)	CKSRYB103K50	C 1952	(B,115,86)	CKSRYB103K50	•		IC 5004	(A,9,59) FET	SI6544DQ	D 4704	(A,119,73) Diode	UDZS5R6(B)
1803	(B,146,68)	CCSRCH220J50	C 1953	(A,127,87)	CEVW101M16			IC 5005	(A,13,56) FET	SI6544DQ	D 4705	(A,102,79) Diode	UDZS5R6(B)
1805	(A,123,76)	CEVW100M16	C 1954	(A,113,39)	CEVW101M16			Q 4002	(A,44,62) Transistor	2SC4617	D 4706	(A,100,79) Diode	UDZS5R6(B)
1806	(B,120,76)	CKSRYB473K50	C 1955	(B,112,44)	CKSRYB103K50			Q 4101	(A,54,66) Transistor	2SC4617	D 4831	(A,142,19) Diode	UDZS22(B)
1807	(A,129,78)	CEVW220M16	C 1956	(B,104,44)	CKSRYB103K50			Q 4102	(A,48,63) Transistor	2SA1774	D 4835	(A,104,41) Diode	UDZS5R6(B)
1808	(B,126,73)	CKSRYB103K50	C 1957	(A,111,47)	CEVW101M16	E	E	Q 4103	(A,49,65) Transistor	2SC4617	D 4852	(A,131,31) Diode	U2FWJ44N
1809	(B,132,72)	CKSRYB103K50	C 2813	(B,23,31)	CKSRYF104Z25			Q 4111	(A,56,60) Transistor	2SC4617	D 4861	(A,135,50) Diode	RB160M-30
1810	(B,136,80)	CKSRYB473K50	C 2814	(B,18,32)	CKSRYF104Z25			Q 4112	(A,48,57) Transistor	2SA1774	D 4862	(A,137,57) Diode	RB500V-40
1811	(B.114,73)	CKSRYB103K50	C 2831	(A,38,20)	CEVW100M16			Q 4113	(A,51,60) Transistor	2SC4617	D 4863	(A,139,57) Diode	RB500V-40
1812	(B,124,68)	CKSRYB224K16	C 2832	(A,39,13)	CEVW100M16			Q 4121	(A,56,54) Transistor	2SC4617	D 4864	(A,141,57) Diode	RB500V-40
1821	(A,11,118)	CKSRYB823K16	C 2833	(B,42,15)	CKSRYB222K50			Q 4122	(A,48,51) Transistor	2SA1774	D 4865	(A,143,57) Diode	RB500V-40
1822	(B.17.124)	CKSRYB104K25	C 2834	(B,44,6)	CKSRYB222K50	-	-	Q 4123	(A,51,54) Transistor	2SC4617	D 4000	/A 445 57) D: 1	DD500110
1823	(B.17,122)	CKSRYB103K50	C 2837	(A,44,7)	CEVW100M16			Q 4131	(A,56,49) Transistor	2SC4617	D 4866	(A,145,57) Diode	RB500V-40
1824	(A,14,117)	CKSRYB104K16	C 2838	(A,29,20)	CEVW100M16			Q 4132	(A,48,46) Transistor	2SA1774	D 4867	(A,146,56) Diode	RB500V-40
1825	(B,23,122)	CKSRYB102K50	C 2839	(B,35,5)	CKSRYB222K50			Q 4133	(A,51,49) Transistor	2SC4617	D 4868	(A,148,56) Diode	RB500V-40
1826	(A,21,119)	CKSRYF104Z25	C 2840	(B,33,15)	CKSRYB222K50			Q 4151	(A,46,38) Transistor	UMZ1N	D 4869 D 5001	(A,150,56) Diode (B,11,31) Diode	RB500V-40 UDZS6R8(B)
1862	(B.161,122)	CKSRYB103K50	C 2843			F	F	Q 4152	(A,39,35) Transistor	UMZ1N			• •
	(B,163,111)	CKSYB106K6R3	C 2843 C 2844	(A.29.13) (A,34,7)	CEVW100M16			Q 4153	(A,39,32) Transistor	UMZ1N	D 5003	(A,13,45) LED	CL-195PG-CD
1863		CVOLOLOVOV	C 2844	(M,34,7)	CEVW100M16						D 5004	(A,13,42) LED (EW)	CL-195SR-CD
C 1863		CKSRVP104K26	C 2045	(B 29 15)	CHEDNESSOURS			Q 4154	(A.54.26) Iransision	UMZ1N	D	(A 40 04) 1	OI 40505 55
C 1863 C 1864 C 1865	(B,168,98) (A,166,94)	CKSRYB104K25 CCSRCH102J50	C 2845 C 2848	(B,28,15) (B,28,5)	CKSRYB222K50 CKSRYB222K50			Q 4154 Q 4155	(A,54,26) Transistor (A,47,26) Transistor	UMZ1N UMZ1N	D 5005 D 5006	(A,13,31) LED (A,13,28) LED (EW)	CL-195PG-CD CL-195SR-CD

	ult Symbol and No.	Part No.	Circ	cuit Symbol and No.	Part No.			Cir	cuit Symbol and No.	Part No.	Cir	cuit Symbol and No.	Part
007	(A,13,16) LED	CL-190UB2-X	S 4351	(A.12.160) Push Switch	CSG1111			R 4120	(A.49.60)	RS1/16S391J	R 4193	(A,37,14)	RS1/10
			S 4352	(A,12,148) Push Switch	CSG1111			R 4121	(A,58,54)	RS1/16S153J			
800	(A,13,10) LED	CL-190UB2-X	- 1002	(ri, ra, rao) r dan owiich	0301111						R 4194	(A,39,18)	RS1/1
009	(A,11,42) Diode	RB751V40	S 4353	(A,12,21) Push Switch	CSG1111	,	Α ,	R 4122	(A,58,51)	RS1/16S104J	R 4208	(A,124,72)	RS1/1
10	(A,17,53) Diode	UDZS6R2(B)	S 4354	(A,12,9) Push Switch	CSG1111			- 1140					
11	(A,7,56) Diode	UDZS6R2(B)	S 5001	(A,18,43) Push Switch				R 4123	(A,57,51)	RS1/16S681J	R 4209	(A,123,69)	RS1/1
12	(B,6,71) Diode	UDZS6R2(B)	S 5002		CSG1111			R 4124	(A,54,53)	RS1/16S331J	R 4211	(A,103,22)	RS1/1
	(0,0,11) Diode	ODZ30NZ(B)		(A,18,29) Push Switch	CSG1111			R 4125	(A,103,14)	RS1/16S75R0D	R 4311	(A,13,30)	RS1/1
013	(B,18,69) Diode	141447	S 5003	(A,18,13) Push Switch	CSG1111			R 4128	(A,54,54)	RS1/16S331J	R 4312	(A,15,30)	RS1/1
)14		MA147					_	R 4129	(A,50,51)	RS1/16S391J	R 4313	(A,7,33)	RS1/1
	(B,6,74) Diode	MA147	VR5001	(A,8,43) Semi-fixed 15k(2)	(B) CCP1490			1				(, , , , , ,	
16	(B,16,10) Diode	UDZS5R6(B)	 ∱FU4831	(A,117,10) Fuse 630mA	CEK1252			R 4130	(A,49,54)	RS1/16S391J	R 4314	(A,8,31)	RS1/1
030	(A,16,19) Diode (EW)	DAN202U	∴ FU5001	(B,7,24) Fuse 1.25A	CEK1255			R 4131	(A,58,49)	RS1/16S153J	R 4315	(A,15,45)	RS1/1
01	(B,15,67) Diode	UDZS8R2(B)		(-,-,-,,,	02.11200			R 4132	(A,58,46)	RS1/16S104J	R 4315		
		` '	RESISTO	De				R 4133				(A.14,124)	RS1/1
001	(A,17,38) Inductor	CTF1306	VESISIO	K Q					(A,57,46)	RS1/16S681J	R 4322	(A,9,124)	RS1/1
002	(A,21,36) Inductor	CTF1306						R 4134	(A,54,47)	RS1/16S331J	R 4323	(A,8,44)	RS1/1
003	(A,26,36) Inductor	CTF1306	R 4001	(A,26,33)	RS1/16S101J		В (3					
004			R 4002	(A,20,34)	RS1/16S470J			R 4135	(A,105,15)	RS1/16S75R0D	R 4324	(A, 10,44)	RS1/1
	(A.27,36) Inductor	CTF1306	· R 4003	(A,28,34)	RS1/16S101J			R 4138	(A,54,49)	RS1/16S331J	R 4359	(A.8.139)	RS1/1
005	(A,28,65) Inductor-Array	CTF1421	R 4004	(A,33,34)	RS1/16S101J			R 4139	(A,50,46)	RS1/16S391J	R 4360	(A,8,140)	RS1/1
			R 4005	(A,43,43)	RS1/16S473J			R 4140	(A,49,49)	RS1/16S391J	R 4361	(A,8,141)	RS1/1
006	(A,23,65) Inductor-Array	CTF1421		, ,,,,,,,	. 10 17 10 0 77 30			R 4141	(A,64,42)	RS1/16S105J	R 4362		
900	(A,26,65) Inductor	CTF1306	R 4006	(A,45,45)	RS1/16S392J			4141	(-1,07,72)	. 13 1/ 103 1030	rt 4302	(A,8,142)	RS1/1
009	(A,23,37) Inductor	CTF1306	R 4009					D 4142	44 60 40)	D04446000011		44.4400	
11	(A,19,36) Inductor	CTF1306		(A,44,60)	RS1/16S152J	'	-	- 17 4142	(A,62,43)	RS1/16S224J	R 4363	(A,4,129)	RS1/1
)12	(A,24,36) Ferrite Bead	CTF1528	R 4010	(A,42,65)	RS1/16S331J			R 4145	(A,64,46)	RS1/16S1501D	R 4364	(A,6,129)	RS1/1
	(G17 1020	R 4012	(A,33,63)	RS1/16SS105J			R 4146	(A,66,45)	RS1/16S5602F	R 4365	(A,11,26)	RS1/1
)13	(A 20 62) Family Barris		R 4013	(A,34,64)	RS1/16S391J			R 4147	(A,65,38)	RS1/16S3302F	R 4366	(A,10,27)	RS1/1
	(A,30,63) Ferrite Bead	CTF1528		• • •				R 4148	(A,65,37)	RS1/16S1002F	R 4453	(A,138,72)	RS1/1
14	(A,24,63) Ferrite Bead	CTF1528	R 4014	(A,28,69)	RAB4C101J				(100,0.)	1101/10010021	11 4150	(A, 150,72)	1431/1
15	(A,20,64) Inductor	CTF1306	R 4015	(A,25,69)	RS1/16S473J		_	R 4150	(A.39,30)	RS1/16S183J	R 4454	(4 400 74)	
16	(A,16,47) Ferrite Bead	CTF1528	R 4018			,	C ((A,138,71)	RS1/1
17	(A,28,37) Inductor	CTF1306	11 4010	(A,22,69)	RS1/16S101J			R 4152	(A,48,35)	RS1/16S3901F	R 4601	(A,104,23)	RS1/1
	(11-10-)	011 1000	R 4022	(A,20,66)	RS1/16S101J			R 4153	(A,45,35)	RS1/16S1501F	R 4602	(A,106,28)	RS1/1
71	(A.50.69) Inductor	LCYA100J2520	R 4023	(A,18,72)	RS1/16S0R0J			R 4154	(A,54,30)	RS1/16S102J	R 4603	(A,79,17)	RS1/1
74	(A,45,41) Inductor							R 4155	(A,51,30)	RS1/16S102J	R 4604	(A,89,27)	RS1/1
75		LCYA100J2520	R 4024	(A,17,62)	RS1/16S333J							, , , , , ,	
	(A.53,70) Inductor	LCYA100J2520	R 4025	(A,15,39)	RS1/16S101J			R 4156	(A,45,32)	RS1/16S1501F	R 4605	(A,71,19)	RS1/1
78	(A,43,68) Inductos	LCYA100J2520	R 4026	(A,30,35)	RS1/16S101J	1		R 4157	(A,48,31)	RS1/16S3901F	R 4606	(A,89,30)	RAB4
79	(A,41,68) Inductor	CTF1306	R 4027	(A,16,37)	RS1/16S101J			R 4160	(A,60,37)	RS1/16S1002F	R 4807		RAB4
			R 4030	(A,18,33)	RS1/16S101J			R 4161	(A,60,35)	RS1/16S1802F		(A,89,33)	
081	(A,51,75) Inductor	LCYC2R2K2125	11 4030	(A, 10,33)	H31/103101J			R 4162			R 4608	(A,88,35)	RS 1/1
101	(A,121,37) Inductor	LCYA100J2520	R 4031	(4.00.04)				K 4102	(A,57,30)	RS1/16S102J	R 4610	(A,77,42)	RS1/1
141	(A,71,63) Inductor	LCYA100J2520		(A,29,34)	RS1/16S101J			_ :					
51	(A,62,31) Inductor	LCYA100J2520	R 4061	(A,64,81)	RS1/16S473J			R 4163	(A,55,38)	RS1/16S3901F	R 4611	(A,83,42)	RS1/1
152	(A,61,18) Inductor	LCYA100J2520	R 4062	(A,63,78)	RS1/16S152J		D 1	R 4164	(A,52,38)	RS1/16S1501F	R 4612	(A,78,42)	RS1/1
-	(A,O1,10) inducioi	LC 1A 10032520	R 4063	(A,58,80)	RS1/16S0R0J			R 4165	(A,49,38)	RS1/16S102J	R 4613	(A,81,42)	RS1/1
181	(4.57.40) 0:11		R 4064	(A,57,82)	RS1/16S0R0J			R 4166	(A,44,38)	RS1/16S272J	R 4614	(A,80,42)	RS1/1
	(A,57,19) Coil	LCYA101J2520		,				R 4167	(A,42,35)	RS1/16S102J	R 4615	(A,71,15)	RS1/1
182	(A.57,16) Coil	LCYA101J2520	R 4084	(A,20,74)	RS1/16S473J				,,		A 4013	621, 11101	1101/1
311	(A,6,38) Inductor	LCYA100J2520	R 4085	(A,22,74)	RS1/16S473J			R 4168	(A,37,35)	RS1/16S272J	R 4616	(A 72 15)	pa
111	(A,6,38) Inductor	LCYA100J2520	R 4086	(A,22,74) (A,22,70)	DC4/46C4733			R 4169	(A,42,32)			(A,73,15)	RS1/1
601	(A,83,14) Inductor	LCYA100J2520	R 4087		RS1/16S473J	1				RS1/16S102J	R 4617	(A,73,13)	RS1/1
01	(A,119,63) Inductor	LCYA100J2520		(A,40,75)	RS1/16S104J		- '	K 4170	(A,37,32)	RS1/16S272J	R 4618	(A,88,28)	RS1/1
			R 4088	(A,43,81)	RS1/16S104J			R 4171	(A,52,26)	RS1/16S331J	R 4619	(A,97,29)	RS1/1
01	(A,20,31) Inductor	LCYA100J2520						R 4172	(A,59,26)	RS1/16S103J	R 4621	(A,98,29)	RS1/1
02	(A.23,30) Inductor		R 4089	(A,45,82)	RS1/16S104J							•	
103		LCYA100J2520	R 4101	(A,57,66)	RS1/16S8201F			R 4174	(A,44,27)	RS1/16S331J	R 4622	(A,95,33)	RS1/1
	(A,27,30) Inductor	LCYA100J2520	R 4102	(A,57,63)	RS1/16S5602F			R 4175	(A,48,24)	RS1/16S103J	R 4623	(A,99,29)	RS1/1
104	(A,30,30) Inductor	LCYA100J2520	R 4103	(A,55,63)	RS1/16S681J				(A,36,27)	RS1/16S331J			
141	(A.126,37) Choke Coil 10µH	CTH1249	R 4104	(A,53,64)		ŧ	E 1	R 4177 R 4178	(A.42.24)		R 4624	(A,87,42)	RAB4
		•	F. 4104	(A,33,04)	RS1/16S331J				(A,42,24)	RS1/16S103J	R 4625	(A,65,12)	RS1/1
51	(A.142,28) Choke Coil 10µH	CTH1259						R 4180	(A,35,29)	RS1/16S243J	R 4626	(A,67,29)	RS1/1
52	(A.126,26) Choke Coil 18µH	CTH1250	R 4105	(A,105,11)	RS1/16S104J								
61	(A.137,37) Choke Coil 10µH	CTH1240	R 4107	(A,61,65)	RS1/16S6801D			R 4181	(A,42,23)	RS1/16S3002F	R 4627	(A,83,17)	RAB4
62	(A.136,46) Choke Coil 6.8ul-		R 4108	(A.51,66)	RS1/16S331J			R 4182	(A,47,22)	RS1/16S223J	R 4628	(A,65,14)	RS1/1
			R 4109	(A,49,63)	RS1/16S391J		_	R 4183	(A.45,22)	RS1/16S1203F	R 4629	(A,84,42)	RS1/1
63	(A,137,62) Inductor	LCTC100K1608	R 4110	(A,47,66)	RS1/16S391J			R 4184	(A,47,19)	RS1/16S1602F	R 4630	(A.64.16)	RS1/1
					17 100003 10			R 4185	(A,48,15)	RS1/16S1502F			
64	(A,130,55) Inductor	LCYA100J2520	R 4111	(A,58,60)	DC4/46C4E3			11 4100	(17,40,13)	NG 1/103 1302F	R 4631	(A,82,21)	RAB4
65	(A,149,65) Inductor	LCYA100J2520			RS1/16S153J			D 4465					
01	(A.92,27) Inductor	LCYA2R2J2520	R 4112	(A,58,57)	RS1/16S104J			R 4186	(A,42,21)	RS1/16S1002F	R 4642	(A,68,14)	RS1/1
01	(A,9,80) Transformer	CTT1103	R 4113	(A,57,57)	RS1/16S681J			R 4187	(A,42,18)	RS1/16S1002F	R 4646	(A,69,18)	RS1/1
01	(A,145,82) Thermistor		R 4114	(A,54,59)	RS1/16S331J			R 4188	(A,42,16)	RS1/16S101J	R 4650	(A,66,29)	RS1/1
٠,	(C), 140,02) THERMISTOR	CCX1051	R 4115	(A,102,13)	RS1/16S75R0D	1	F I		(A,37,19)	RS1/16S153J	R 4651	(A,67,33)	RAB4
								R 4190	(A,41,21)	RS1/16S100J	R 4652		
01	(A,35,68) Crystal Resonator 42MH:		R 4118	(A,54,60)	RS1/16S331J			11 4130	(r1,71,21)	11001000	rt 4652	(A,67,35)	RS1/1
				(~,04,00)	rs 1/105331J								
601	(A,76,18) Radiator 12.58MHz	CSS1601	D 4140	(A EO EZ)				D 440 *					
	(A,76,18) Radiator 12.58MHz (A,107,78) Ceramic Resonator 4.97MH		R 4119	(A,50,57)	RS1/16S391J			R 4191 R 4192	(A,35,14) (A,42,14)	RS1/16S153J RS1/16S100J	R 4655 R 4657	(A,77,46) (A,66,28)	RS1/1

8 10 mm (\$ 10 mm)

Circu	uit Symbol and No.	Part No.	Circ	cult Symbol and No.	Part No.			Cir	cuit Symbol and	d No.	Part No.	Cir	cult Symbol and No.	Part No.
4670	(A.85.19)	RS1/16S1502D	R 5014	(A,8,14)	RS1/16S102J			C 4040	(A.39.62)		CKSSYF104Z16	C 4182	(A,49,19)	CKSRYF104Z25
4681	(A,10,23)	RS1/16S104J	R 5015	(B.18.67)	RS1/16S105J			C 4042	(A,37,63)		CCSRCH181J50	C 4183	(A,52,17)	CSZSR4R7M25
4682	(A,10,19)	RS1/16S104J	R 5016	(A,12,48)	RS1/16S563J			C 4045	(A,36,65)		CCSRCH9R0D50	C 4184	(A,49,17)	CKSRYF104Z25
	(7,10,13)	10011001040	11 3010	(1,12,10)	1131/1033033	Α	Α	C 4046	(A,34,65)		CCSRCH9R0D50	C 4186	(A,49,22)	CKSRYF104Z25
4683	(A,13,22)	RS1/16S102J	R 5017	(A,17,51)	RS1/16S103J			0 4040	(11,54,66)		000110110110000	0 4100	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	CHOITH TOTALLO
4684	(A,13,20)	RS1/16S102J	R 5018	(A,8,55)	RS1/16S103J			C 4047	(A,31,63)		CKSSYF104Z16	C 4188	(A,47,17)	CKSRYF104Z25
4701	(A,116,74)	RS1/16S101J	R 5019	(B.6.70)	RS1/16S511J			C 4048	(A,30,62)		CKSSYF104Z16	C 4225	(A.103.25)	CKSRYF104Z25
4702	(A,116,73)	RS1/16S101J	R 5020	(B,6,68)	RS1/16S821J			C 4049	(A,25,62)		CKSSYF104Z16	C 4311	(A,11,30)	CKSRYB224K16
		RS1/16S101J	R 5020					C 4050	(A,20,63)		CKSRYB105K6R3	C 4311	(A,9,28)	CKSRYB104K16
4703	(A,98,79)	KS1/105101J	R 5022	(A, 16,24)	RS1/16SS181J			C 4050	(A,20,63) (A,16,54)		CKSSYF104Z16	C 4312	(A,7,28)	CKSRYB104K16
4704	(A,98,78)	RS1/16S101J	R 5023	(A,14.8)	RS1/16SS0R0J	_	_	C 4031	(A, 10,34)		CK551F104Z16	C 4313	(A,7,20)	CNONIBIONNIO
4705		RS1/16S471J	R 5023					C 4052	(A 48 48)		CKSSYF104Z16	C 4314	(A,6,35)	CKSRYB104K16
	(A,111,77)			(A,15,24) (EW)	RS1/16SS151J				(A,16,46)			C 4314		CKSRYB 104K 10
4707 4709	(A,116,69) (A,106,58)	RS1/16S0R0J RS1/16SS472J	R 5030	(A,19,18) (UC)	RS1/16S470J			C 4054	(A,23,34)		CCSRCH101J50 CKSRYF104Z25	C 4313	(A,6,31)	CKSRYB104K16 CKSRYB104K16
			R 5031	(B,13,9)	RS1/16S332J			C 4055	(A,16,65)				(A,11,123)	
4711	(A,134,74)	RS1/16S471J	R 5101	(B,6,63)	RS1/16S101J			C 4061	(A,53,80)		CKSRYF104Z25	C 4322	(A,10,45)	CKSRYB104K16
		00444000004				В	В	C 4062	(A,63,81)		CCSRCH390J50	C 4375	(A,11,156)	CKSRYB104K16
4741	(A,106,83)	RS1/16S0R0J	R 5102	(B,11,64)	RS1/16S103J									
4742	(A,115,80)	RS1/16S0R0J	R 5103	(B,6,64)	RS1/16S471J			C 4071	(A,47,70)		CSZS100M10	C 4376	(A,10,144)	CKSRYB104K16
4743	(A,101,83)	RS1/16S473J	R 5104	(B,9,69)	RS1/16S101J			C 4074	(A,43,41)		CKSRYB105K6R3	C 4377	(A,9,25)	CKSRYB104K16
4802	(A,17,21)	RS1/16S0R0J	R 5105	(B, 14,67)	RS1/16S104J			C 4075	(A,49,72)		CKSRYB105K6R3	C 4378	(A,11,13)	CKSRYB104K16
4803	(A,35,20)	RS1/16S333J	R 5106	(B,14,65)	RS1/16S103J			C 4101	(A,63,64)		CKSYF106Z10	C 4601	(A,77,14)	CSZSR330M10
						_	_	C 4102	(A,53,63)		CCSRCH470J50	C 4602	(A,79,20)	CKSRYF104Z25
4804	(A,52,29)	RS1/16S0R0J	R 5107	(B,12,63)	RS1/16S473J									
4805	(A,45,24)	RS1/16S0R0J	R 5108	(B,10,69)	RS1/16S101J			C 4103	(A,51,63)		CCSRCH470J50	C 4603	(A,65,10)	CKSRYF104Z25
4806	(A,37,24)	RS1/16S0R0J	R 5109	(A,7,15)	RS1/16S824J			C 4104	(A,56,66)		CKSRYF104Z25	C 4605	(A,74,20)	CKSRYF104Z25
4831	(A.147,24)	RS1/16S153J	5100					C 4105	(A,59,64)		CSZS100M10	C 4621	(A,68,12)	CKSRYB103K50
4832	(A,143,23)	RS1/16S472J	CAPACIT	OPS				C 4107	(A,65,64)		CKSYF106Z10	C 4631	(A,74,6) 10µF	CCG1138
1002	(1,140,20)	110111001120	CAFACI	OKS				C 4111	(A,63,57)		CKSYF106Z10	C 4632	(A,78,6) 10µF	CCG1138
4833	(A,145,23)	RS1/16S472J	0.1001	44.40.070	0110mm to 101110m0	_	_	0 4111	(1,00,01)		CKSTT TOOL TO	0 4002	(A,70,0) Topi	0001130
4834	(A,144,19)	RS1/16S103J	C 4001	(A,19,37)	CKSRYB105K6R3	С	С	C 4112	(A,54,57)		CCSRCH470J50	C 4651	(A,61,21)	CKSRYF104Z25
4835	(A,104,45)	RS1/16S121J	C 4002	(A,24,37)	CKSSYF104Z16									
4851	(A, 104,45) (A, 135,23)	RS1/16S5121J	C 4003	(A,31,37)	CKSSYF104Z16			C 4113	(A,51,57)		CCSRCH470J50	C 4670	(A,144,83)	CKSSYF104Z16
			C 4004	(A,33,37)	CKSSYF104Z16			C 4114	(A,60,59)		CKSRYF104Z25	C 4681	(A,13,25)	CKSRYB102K50
4852	(A,137,22)	RS1/16S2202D	C 4005	(A,32,36)	CKSSYF104Z16			C 4121	(A,63,53)		CKSYF106Z10	C 4682	(A,13,23)	CKSRYB102K50
								C 4122	(A,54,51)		CCSRCH470J50	C 4683	(A,10,17)	CKSRYB102K50
4853	(A,137,25)	RS1/16S272J	C 4006	(A,34,37)	CKSSYF104Z16	_	_							
4854	(A,131,19)	RS1/16S100J	C 4007	(A,36,37)	CKSSYF104Z16	-	•	C 4123	(A,51,51)		CCSRCH470J50	C 4684	(A, 10,22)	CKSRYB102K50
4855	(A,135,17)	RS1/16S102J	C 4008	(A,38,38)	CKSSYF104Z16			C 4124	(A,60,54)		CKSRYF104Z25	C 4685	(A,88,25)	CKSRYB102K50
4858	(A,132,23)	RS1/16S560J	C 4009	(A,40,37)	CKSSYF104Z16			C 4131	(A,63,49)		CKSYF106Z10	C 4686	(A,87,23)	CKSRYB102K50
4859	(A,128,30)	RS1/16S100J	C 4010	(A,39,38)	CKSSYF104Z16			C 4132	(A,54,46)		CCSRCH470J50	C 4687	(A,15,7)	CKSRYF104Z25
				(C 4133	(A,51,46)		CCSRCH470J50	C 4701	(A,119,66)	CSZSR330M10
4861	(A,140,44)	RS1/16S104J	C 4011	(A,41,41)	CKSSYF104Z16									
4862	(A,136,42)	RS1/16S102J	C 4012	(A,40,43)	CKSSYF104Z16	D	D	C 4134	(A,60,49)		CKSRYF104Z25	C 4702	(A, 105,59)	CKSSYF104Z16
4863	(A,140,47)	RS1/16S1102F	C 4013	(A,42,45)	CKSRYB392K50	_		C 4140	(A,67,47)		CKSQYB225K10	C 4704	(A,135,78)	CKSRYF104Z25
4864	(A.138,41)	RS1/16S2001F	C 4015	(A,47,44)	CKSRYB105K6R3			C 4141	(A,64,43)		CKSRYB105K6R3	C 4801	(A,21,26)	CSZSR4R7M25
4865	(A,148,40)	RS1/16S3302F						C 4142	(A,62,40)		CKSRYF104Z25	C 4802	(A,20,22)	CKSRYF104Z25
	, , , , , , , , , , , , , , , , , , , ,		C 4016	(A,40,47)	CKSSYF104Z16			C 4142	(A,63,59)		CSZS100M10	C 4803	(A,25,26)	CSZS100M10
4866	(A.146.41)	RS1/16S2401F	C 4017	(4.44.49)	CVCCVE10474C			0 4143	(~,00,00)		COLO TOURTO	0 4003	(17,23,20)	COLOTOWN
4867	(A,147,44)	RS1/16S5602F		(A,41,48)	CKSSYF104Z16			C 4144	(A,65,40)		CKSRYF104Z25	C 4804	(A,23,22)	CKSRYF104Z25
4868	(A,149,42)	RS1/16S2703F	C 4018	(A,44,47)	CKSRYB104K16			C 4144	(A,68,40)		CKSRYF104Z25	C 4805		CSZSR330M10
4869	(A, 148,44)	RS1/16S5602F	C 4019	(A,44,49)	CKSRYB104K16	-	-						(A,29,25)	
4901	(A, 145,44) (A,95,25)		C 4020	(A,44,52)	CKSRYB104K16			C 4151	(A,59,32)		CSZSR220M16	C 4806	(A,26,22)	CKSRYF104Z25
4501	(1,83,23)	RS1/16S103J	C 4021	(A,40,51)	CKSSYF104Z16	1		C 4152	(A,48,33)		CKSRYB103K50	C 4807	(A,32,26)	CSZSR33M35
4000	(4.04.44)	0044400400				•		C 4153	(A,47,35)		CCSRCH4R0C50	C 4808	(A,32,23)	CKSRYF104Z25
4902	(A,91,14)	RS1/16S103J	C 4022	(A,46,55)	CKSSYF104Z16									
4903	(A,87,20)	RS1/16S392J	C 4023	(A,45,55)	CKSSYF104Z16			C 4154	(A,47,31)		CCSRCH4R0C50	C 4809	(A,21,31)	CKSSYF104Z16
4904	(A,89,20)	RS1/16S912J	C 4024	(A,44,55)	CKSSYF104Z16	E	Ε	C 4155	(A,54,38)		CCSRCH4R0C50	C 4810	(A,25,31)	CKSSYF104Z16
4905	(A,87,17)	RS1/16S2003F	C 4025	(A,41,52)	CKSSYF104Z16	_	_	C 4158	(A,58,37)		CKSRYF104Z25	C 4831	(A,28,31)	CKSSYF104Z16
4906	(A,93,17)	RS1/16S153J	C 4026	(A,41,53)	CKSSYF104Z16			C 4160	(A,44,35)		CKSRYF104Z25	C 4832	(A,32,31)	CKSRYF104Z25
					J. 107210			C 4161	(A,44,32)		CKSRYF104Z25	C 4835	(A,102,41)	CKSRYF104Z25
4907	(A,89,17)	RS1/16S153J	C 4027	(A,41,54)	CKSSYF104Z16				(· · · · · · · · · · · · · · · · · · ·			0 1000		OTTO THE OTTO
5001	(A,14,25) (EW)	RAB4CQ181J	C 4028	(A,41,55)				C 4162	(A,51,38)		CKSRYF104Z25	C 4836	(A,95,47)	CKSRYF104Z25
5002	(A.17,35)	RAB4CQ151J	C 4029	(A,41,56)	CKSSYF104Z16			C 4162	(A,51,36) (A,57,28)		CKSRYB105K6R3	C 4841	(A,95,47) (A,126,41)	CKSRYB105K6R3
5003	(B,15,33)	RS1/16S103J			CKSSYF104Z16									
5004	(A,17,9)	RAB4CQ151J	C 4030	(A,44,57)	CKSRYB104K16			C 4164	(A,50,28)		CKSRYB105K6R3	C 4843	(A,126,49) 68µF/6.3V	CCH1440
	(- 4.1.,a)	IVID-OUTSIJ	C 4031	(A,43,55)	CKSSYF104Z16			C 4165	(A,42,28)		CKSRYB105K6R3	C 4844	(A,126,52)	CKSRYF104Z25
5005	(B 14 22)	DC4/4604044						C 4166	(A,39,28)		CKSRYF104Z25	C 4851	(A,146,31)	CKSRYB104K16
	(B,14,32)	RS1/16S104J	C 4032	(A,41,57)	CKSSYF104Z16									
5006	(B,5,33)	RS1/16S102J	C 4033	(A,41,58)	CKSSYF104Z16			C 4167	(A,47,28)		CKSRYF104Z25	C 4852	(A,124,32) 68µF/6.3V	CCH1440
5007	(B,11,37)	RS1/16S473J	C 4034	(A,41,59)	CKSSYF104Z16			C 4168	(A,55,29)		CKSRYF104Z25	C 4853	(A.122,31)	CKSRYB104K16
5008	(B,7,32)	RS1/16S473J	C 4035	(A,43,63)	CKSRYB103K50	F	F	C 4169	(A,35,31)		CKSRYB103K50	C 4855	(A,134,30) 10µF	CCG1138
5009	(B,12,40)	RS1/16S105J	C 4036	(A,44,58)	CCSRCH4R0C50	•	•	C 4170	(A,58,23)		CSZSR220M16	C 4856	(A,127,32)	CCSRCH102J50
3003			C 4030	(~,~~,30)	CONCHARGO									
3009								C 4171				C 4957		
5010	(B.8.38)	RS1/16S333J	C 4037	(A,39,61)	CKSSYF104Z16			C 4171	(A,55,23)		CSZSR220M16	C 4857	(A,135,25)	CCSRCH681J50

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	cuit Symbol and No.	Part No.	Cir	rcuit Symbol and No	Part No.			Cir	cuit Symbol and No.	Part No.	Cli	cuit Symbol and No.	Part No.
4859	(A,134,19)	CKSRYB224K16	Consists	s of				R 5504	(A,96,6)	RS1/16S123J	R 5598	(B.66,14)	RS1/16S121J
4860	(A,131,40)	CKSYF106Z10	Keyboar					R 5505	(A,60,6)	RS1/16S122J	R 5599	(B,61,10)	RS1/16SS121J
861	(A,131,42)	CKSYF106Z10	Panel Po			Α	Α		(* 1,00,0)	110111001220	11 5000	(5,51,10)	1101/10001210
B62	(A,140,41)	CCSRCH100D50	FanerPC	<u> </u>			^	R 5506	(A,25,4)	RS1/16S202J	R 5904	(A,61,7)	RS1/16S151J
863	(4.420.44)							R 5507	(A,134,3)	RS1/16S122J		,	
1863 1864	(A,136,41) (A,143,42)	CKSRYB683K16	ВС					R 5508	(B,22,14)	RS1/16S151J	CAPACI	TORS	
1865	(A,143,42) (A,141,41)	CKSRYB104K16			(4) (10) (10) (11)			R 5509	(B,24,14)	RS1/16S151J			
1866	(A,141,41) (A,147,47)	CKSRYB471K50	Unit Nu	umber:CWM9952	(AVIC-N2/XU/UC)			R 5510	(B,93,11) (EW)	RS1/16SS181J	C 5509	(B,36,3)	CSZSQ100M6R3
4867	(A, 147,47) (A, 144,53)	CKSRYB224K16	Unit Nu	umber:CWM9951	(AVIC-X1R/XU/EW)		_				C 5516	(B,36,5)	CKSRYB103K50
4007	(A, 144,53)	CKSRYB104K16	Unit Na	ame:Keyboard Ur	14	•		R 5511	(B,60,11)	RS1/16SS121J	C 5520	(A,42,3)	CKSYB106K6R3
4868	(A,143,53)	CKSRYB104K16	Oint Na	allie.Reyboard Or	III			R 5512	(B,59,10)	RS1/16SS121J		, , , , ,	
4869	(A,139,54)	CKSRYB104K16						R 5513	(A,144,3)	RS1/16S202J			
4870	(A,141,54)	CKSRYB104K16 CKSRYB224K16	MISCELI	LANEOUS				R 5514	(A,144,4)	RS1/16S392J	Р		
4871	(A.147.53)	CKSRYB224K16						R 5515	(A,156,19)	RS1/16S123J	Unit No	umber:CWX2960(A	VIC-N2/XII/UC)
4872	(A,149,53)	CKSRYB104K16	IC 5501	(A,42,7) IC	SBX3050-01								
4012	(A, 149,55)	CASATEIOANIE	D 5501	(B,64,11) LED (EW)	CL-195SR-CD	В	В	R 5516	(A,132,3)	RS1/16S102J		umber:CWX2929(A	WIC-XTR/XU/EW
4873	(A.141,65)	CKEONDADEKAE	D 5504	(A,6,4) LED	CL-190UB2-X			R 5517	(A,67,8)	RS1/16S151J	Unit Na	ame:GPS Unit	
4874	(A.139,64)	CKSQYB105K16	D 5505	(A,6,18) LED	CL-190UB2-X			R 5518	(B,62,15)	RS1/16S820J			
4875	(A.143.61)	CKSQYB474K25 CKSRYB104K16	D 5509	(A,138,8) LED	CL-190UB2-X			R 5519	(B,57,10)	RS1/16SS121J	MISCEL	LANEOUS	
4876	(A.141.61)	CKSQYB474K25						R 5520	(B,146,2)	RS1/16S151J	MISSEL	LANEOUS	
4877	(A,141,61) (A,138,60)	CKSQYB474K25 CKSQYB105K16	D 5510	(A,29,8) LED	CL-190UB2-X			•			IC 401	IC	UPC2749T
4077	(0,130,00)	CV2CLR102K1R	D 5512	(A,78,5) LED (EW)	CL-195SR-CD	pa	_	R 5521	(B,144,3)	RS1/16S151J	IC 401	IC IC	UPB1027GS
4878	(A,131,53)	CVCDVD4C4V40	D 5513	(A,77,5) LED	CL-195PG-CD			R 5522	(B,98,6)	RS1/16SS121J	IC 402 IC 441	IC IC	
4879	(A.131,53) (A.134,54) 33µF/10V	CKSRYB104K16 CCH1586	D 5514	(A,90,5) LED (EW)	CL-195SR-CD			R 5524	(B,145,7)	RS1/16SS121J	IC 441	IC IC	NJM2100V ADC12H034CIMSA
4879	(A,134,54) 33µF/10V (A,136,65)	CCH1586 CKSRYF104Z25	D 5515	(A,53,5) LED	CL-195PG-CD			R 5525	(B,51,10)	RS1/16SS472J	IC 461 IC 501	IC IC	
4882	(A,136,65) (A,128,53)	CKSRYF104Z25 CKSRYF104Z25						R 5526	(B,97,11) (EW)	RS1/16SS0R0J	IC 501	Ю	PD3390A
4883	(A, 126,53) (A, 146,67)	CKSRYF104Z25 CKSRYF104Z25	D 5516	(A,100,5) LED	CL-195PG-CD			1.1			IC 502	IC (EW)	DDC4704
+003	(n, 140,07)	CNSRYF104Z25	D 5517	(A.102,5) LED (EW)	CL-195SR-CD			R 5527	(B,95,11) (EW)	RS1/16SS181J	IC 502		PD6472A
4884	(A.137.53)	CKSRYB104K16	D 5518	(A.89,5) LED	CL-195PG-CD	С	С	R 5528	(B,94,11) (EW)	RS1/16SS181J	IC 503	IC (UC)	PD6473A M5M5V216ATP-70HI
4885	(A,142,37) 68µF/6.3V	CCH1440	D 5519	(A,114,5) LED (EW)	CL-195SR-CD			R 5529	(B,92,5)	RS1/16SS181J	IC 503	IC IC	MAX6364PUT29
4886	(A.150.58)	CKSRYF104Z25	D 5520	(A,127,7) LED (EW)	CL-195SR-CD			R 5530	(B,95,6)	RS1/16SS121J	IC 532		
4887	(A,147,58)							R 5531	(B,30,14)	RS1/16S151J	IC 532	IC (EW)	LC72720YVS
4901	(A,92,15)	CKSRYF104Z25	D 5521	(A,113,5) LED	CL-195PG-CD						Q 441	Transistor	2224422
4901	(A,92,13)	CKSRYF104Z25	D 5522	(A.125,7) LED	CL-195PG-CD			R 5532	(B,96,6)	RS1/16SS121J	D 401		2SB1132
4902	(A,98,23)	CSZSR220M10	D 5524	(A,21,12) LED	CL-190UB2-X		_	R 5533	(A,133,5) (EW)	RS1/16S181J	D 401	Diode Diode	1SV314
4903	(A,88,15)	CFHXSQ562J16	D 5526	(A,150,17) LED	CL-190UB2-X	•	•	R 5534	(B,144,7)	RS1/16SS121J	L 401	Inductor	RB751V40 CTF1549
4904	(A.91,23)		D 5527	(B,39,6) Diode	UDZS6R8(B)			R 5535	(B,48,4)	RS1/16S470J			
4905	(A,90,16)	CSZSR330M10 CKSRYB102K50						R 5536	(B,146,7)	RS1/16SS121J	L 402	Inductor	CTF1486
5001	(B,15,8)		D 5529	(A,150,5) LED	CL-190UB2-X						L 403	Inductor	CTE4400
3001	(6, 15,6)	CKSRYB104K16	D 5530	(A,164,11) LED	CL-190UB2-X			R 5537	(A,133,3) (EW)	RS1/16S181J	L 403		CTF1486
5002	(B.8,11)	CKSRYB105K6R3	D 5531	(A.67,5) LED	CL-195SR-CD			R 5538	(B,147,7)	RS1/16SS121J	L 404 L 405	Inductor	LCSA3N3R1608
5002	(A,10,37)		D 5534	(A,65,5) LED	CL-195PG-CD	D	D	R 5539	(A,136,10) (EW)	RS1/16S161J		Inductor	LCYB22NJ1606
5004	(A,15,10)	CSZSR330M10 CKSRYB104K16	D 5536	(B,145,11) Diode (EW)	DAN202U			R 5540	(B,94,6)	RS1/16SS121J	L 406 L 407	Inductor Inductor	LCYB22NJ1608
5005	(B.13.38)	CKSRYB104K16						R 5541	(B,146,8)	RS1/16SS121J	L 407	inductor	CTF1410
5006	(B,8,39)		D 5537	(A,89,14) LED	CL-190UB2-X						L 408	Industry (FIA)	OTE4440
3000	(6,6,39)	CKSRYB104K16	D 5538	(A,54,5) LED (EW)	CL-195SR-CD			R 5542	(A,138,12) (EW)	RS1/16S181J	L 406	Inductor (EW)	CTF1410
5007	(B.15,43)	CVCDVD40CVCDC	D 5540	(A,79,14) LED	CL-190UB2-X			R 5543	(B,55,10)	RS1/16SS121J	L 409	Inductor (UC)	CTF1556
5007 5008	(B.15,43) (B.16,45)	CKSRYB105K6R3	D 5541	(B,99,10) Diode	188355			R 5548	(A,129,6) (EW)	RS1/16S0R0J		Inductor	LCTB1R0K2125
5010		CKSQYB335K6R3	D 5542	(B,67,10) Diode	UDZS20(B)			R 5549	(A,148,11)	RS1/16S122J	L 410	Inductor	CTF1547
5011	(A,15,16) (B,5,41)	CKSRYB104K16						R 5550	(B,22,10)	RS1/16S392J	L 412	Inductor	CTF1547
5011 5012	(B,5,41) (B,10,41)	CKSRYB332K50	D 5901	(A,61,4) LED	SML-010VT						1 445		
JU12	(0,10,41)	CKSRYB105K6R3	S 5501	(A,118,4) Push Switch	CSG1111			R 5558	(B,64,5)	RS1/16S121J	L 413	Inductor	CTF1547
5013	(B,5,39)	CKCDAD4EGKCO	S 5502	(A,94,4) Push Switch	CSG1111			R 5561	(B,65,5)	RS1/16S121J	L 414	Inductor	CTF1547
5014	(B.5.39) (B.6.12)	CKSRYB152K50	S 5503	(A,105,4) Push Switch	CSG1111			R 5563	(B,44,7)	RS1/16S101J	L 415	Inductor	CTF1547
5015	(A,9,52)	CKSRYB104K16	S 5504	(A,29,4) Push Switch	CSG1111	E	E	R 5565	(B,67,5)	RS1/16S121J	L 416	Inductor	CTF1547
5015 5016	(A,9,52) (B,14,41)	CKSRYB473K50				-	-	R 5566	(A,161,4)	RS1/16SS151J	L 417	Inductor	CTF1547
5017	(B, 14,41) (A, 15,48)	CKSRYB103K50 CFHXSQ221J50	S 5505	(A,58,4) Push Switch	CSG1111							to direct	0754440
3017	(n, 10,40)	CFHXSQ221J50	S 5506	(A,138,4) Push Switch	CSG1111			R 5568	(A,160,4)	RS1/16SS151J	L 418	Inductor	CTF1410
5018	(A.14.51)	CI/CDVD 4701/50	\$ 5507	(A,126,4) Push Switch	CSG1111			R 55/3	(B,68,5)	RS1/16S151J	L 441	Inductor	CTF1410
5019	(A.14,51) (B.13,55) 10µF	CKSRYB473K50	S 5508	(A,70,4) Push Switch	CSG1111			R 5574	(B,96,11) (EW)	RS1/16SS181J	L 442	Inductor	CTF1410
5020	(8.9,57) 10µF	CCG1138 CCG1138	S 5509	(A,82,4) Push Switch	CSG1111	-		R 5575	(B,27,14)	RS1/16S151J	L 461	Inductor	CTF1410
5020	(B.9,57) 10µF (A,15,59)	CCG1138 CKSQYB105K16				•		R 5585	(A,72,6)	RS1/16S181J	L 462	Inductor	CTF1410
5021	(A, 13,59) (A, 13,59)		S 5510	(A,11,11) Encoder(VOLI									
NEE	(13,03)	CKSQYB105K16	S 5511	(A,156,11) Switch(SELE	CT) CSX1075			R 5587	(B,25,12)	RS1/16S151J	L 467	Inductor	CTF1547
5023	(A,10,100) 22pF	CCC4244	S 5901	(A,104,21) Push Switch	CSG1111			R 5588	(B,28,12)	RS1/16S151J	L 468	Inductor	CTF1547
5023 5024	(A,10,100) 22pF (B,18,72)	CCG1214						R 5589	(B,146,4)	RS1/16S151J	L 469	Inductor	CTF1410
5101	(B.8,62)	CKSRYB223K50	RESISTO	ORS				R 5590	(A,159,5)	RS1/16SS151J	L 501	Inductor	CTF1410
5102	(B.6,61)	CKSRYB104K16		-		F	F	R 5592	(B,62,13) (UC)	RS1/16S150J	L 502	Inductor	CTF1410
102	(0,0,01)	CKSRYB104K16	R 5501	(B,97,6)	RS1/16SS121J								
			R 5502	(A,147,11)	RS1/16S202J			R 5593	(A,140,12) (UC)	RS1/16S270J	L 503	Inductor	CTF1410
yboard	<u>1 Unit</u>		R 5503	(A,101,8)	RS1/16S392J			R 5596	(B,68,13)	RS1/16SS121J	L 504	Inductor	CTF1410
				(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	NO 1/ 1003923			R 5597	(B,65,14)	RS1/16S820J	L 531	Inductor	CTF1410
									(-,-0,17)	110 17 1000200			

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Clear	it Sumbal and Na	Part No.	CI-	cuit Symbol and N-	Dart No.			CI-	cult Symbol and Ma	o. Part No.	Cler	cuit Symbol and No.	Part No.
	it Symbol and No.	Part No.		cuit Symbol and No.	Part No.			CIF	cult Symbol and No	o. Part No.			1SS355
1	TCXO 16.368MHz	CWX2381	R 532	(EW)	RS1/16SS104J					01/001/0404/40	D 1101	Diode Diode	1SS355
	Radiator 32.768kHz	CSS1319	R 533	(EW)	RS1/16SS332J			C 470		CKSSYB104K10	D 1102	Diode	155355
				(UC)	RS1/16SS103J	Α	Α	C 471	•	CCSSCH101J50			
2	Radiator 20.00MHz	CSS1549						C 501		CKSSYB104K10	D 1301	Diode	UDZ2R7(B)
32	Radiator 4.332MHz (EW)	CSS1550	R 534		RS1/16SS103J			C 502		CCSRCH150J50	D 1302	Chip LED	CL205IRXTU
11	Filter	CTF1548	R 535		RS1/16SS103J			C 503		CCSRCH150J50	L 1301	Inductor	CTF1409
•	r maga	011 1540	R 536		RS1/16SS0R0J			0 000		0001101110000	L 1302	Inductor	CTF1394
	_									01/001/04041/40			
ISTOR	<u>S</u>		R 537	(EW)	RS1/16S0R0J			C 504		CKSSYB104K10	L 1303	Inductor	CTF1395
			R 538	(EW)	RS1/16SS0R0J	_	_	C 506		CKSSYB104K10			
01		RS1/16SS472J						C 507		CKSSYB104K10	L 1305	Inductor	CTF1409
2		RS1/16SS472J	CAPACIT	rors				C 508		CKSSYB104K10	L 1504	Inductor	CTF1394
3		RS1/16SS122J	MULICIALI	CALLE				C 509		CKSSYB104K10	L 1505	Inductor	CTF1409
								0 000		CHOOLDIONILIO	L 1506	Inductor	CTF1473
04		RS1/16SS622J	C 401		CCSRCH100D50			0.544		CKSSYB104K10			
25		RS1/16SS100J	C 402		CCSSCH101J50			C 511			L 1507	Inductor	CTF1473
			C 403		CKSSYB104K10			C 512		CKSSYB104K10			
)6		RS1/16S271J	C 404		CCSSCH101J50	В	В	C 514		CSZ\$100M6R3	L 1508	Inductor	CTF1473
07		RS1/16S2R2J	C 405		CCSRUJ220J50	_	-	C 515		CKSSYB104K10	L 1509	Inductor	CTF1399
•			C 403		CC3001220130			C 516		CKSSYB104K10	L 1510	Inductor	CTF1409
1		RN1/16SC10R0D						0 310		CASSISIONALIO	L 1518	Inductor	CTF1385
42		RN1/16SE1501D	C 406		CCSRUJ220J50								
43		RN1/16SE2402D	C 407		CKSSYB333K16			C 517		CKSSYB104K10	L 1520	Inductor	CTF1399
			C 408		CKSSYB182K50			C 518		CKSSYB104K10			
44		RN1/16SE3302D	C 409		CSZS100M6R3			C 535	(EW)	CSZS100M6R3	L 1522	Inductor	CTF1395
								C 539	(EW)	CCSRCH100D50	L 1605	Inductor	CTF1379
45		RN1/16SE4702D	C 410		CKSSYB103K16	_	_		(EW)	CCSRCH100D50	L 1701	Inductor	CTF1375
46		RN1/16SE4702D						C 540	(CAA)	CCSRCHTUUDSU			
47		RS1/16S432J	C 411		CKSSYB102K50						L 1702	Inductor	CTF1409
48		RN1/16SE1002D	C 412		CKSSYB102K50			C 541	(EW)	CCSRCH561J50	L 1703	Inductor	CTF1473
			C 413		CKSSYB104K10			C 542	(EW)	CKSSYB104K10			
49		RN1/16SE2202D	C 413		CKSSYB104K10			C 543	(EW)	CSZS100M6R3	L 1704	Inductor	CTF1473
										CCSRCH331J50	X 1501	Radiator 27MHz	CSS1609
50		RN1/16SE3302D	C 415		CKSSYB104K10	С	С	C 544	(EW)				
151		RS1/16S103J						C 545	(EW)	CKSSYB104K10	X 1701	Ceramic Resonator 4.97MH	
152		RS1/16SS102J	C 416		CKSSYB104K10						VR1502	Semi-Fixed 2.2k(1)(B)	CCP1444
54		RS1/16SS102J	C 417		CKSSYB104K10								
-		1101/10001025	C 418		CKSSYB102K50			D			RESISTO	npe	
		BO4446COBO4							mber:CWX2941	•	VESISIO	217.2	
160		RS1/16S0R0J	C 419		CKSSYB104K10								
61		RS1/16SS102J	C 420		CKSSYB104K10			Unit Na	me:DVD Core L	Init(MS3)	R 1101		RS1/16SS101J
62		RS1/16SS102J				•	•	011111111		31111(11100)	R 1102		RS1/16SS3R9J
163		RAB4CQ102J	C 421		CKSSYB102K50						R 1103		RS1/16SS3R9J
164		RAB4CQ333J	C 422		CKSSYB103K16			MISCEL	LANEOUS		R 1104		RS1/16SS3R9J
104		POD4CQ3333						-					
			C 423		CKSSYB104K10			IC 1101	IC	AN8703FH	R 1105		RS1/16SS3R9J
65		RS1/16SS102J	C 424		CCSRCH102J50				10	BA5985FM			
168	(EW)	RS1/16SS471J	C 425		CCSRCH271J50			IC 1201	IC		R 1106		RS1/16SS330J
69	(EW)	RAB4CQ471J				. В	D	IC 1202	IC	AN8471SAT1	R 1107		RS1/16SS3R9J
70		RAB4CQ471J	C 426		CCSRCH102J50	_	_	IC 1301	IC	MNZS26EDCUB	R 1108		RS1/16SS3R9J
71			C 427					IC 1401	IC	TC74LCX245FT			
1/1		RAB4CQ104J			CKSSYB104K10					10.120.210.1	R 1109		RS1/16SS3R9J
			C 428		CKSSYB103K16			10 4400	10	TOTOLIOAFIA	R 1110		RS1/16SS3R9J
77		RS1/16SS222J	C 429		CCSRCH301J50			IC 1402	IC	TC7SH04FU			
78		RS1/16SS222J	C 430		CCSSCH120J50			IC 1403	IC	TC74LCX244FT	R 1111		RS1/16SS272J
9		RS1/16SS222J				_	_	IC 1405	IC	TC74LCX244FT	R 1112		RS1/16SS472J
Ö		RS1/16SS332J	C 431		CCSRCH301J50	1		IC 1501	IC	K4S641632H-TC75			
								IC 1502	IC IC	TC74VCX74FT	R 1113		RS1/16SS102J
81		RS1/16SS332J	C 432		CKSSYB103K16			10 1302		TOTA CONTACT	R 1124		RS1/16SS273J
			C 433		CCSRCH101J50						R 1125		RS1/16SS273J
82		RS1/16SS223J	C 434		CKSSYB102K50			IC 1503	IC	MN677531KAUB			
33		RS1/16SS473J	C 435		CKSSYB103K16			IC 1504	IC	TC74VCX74FT	R 1126		RS1/16SS224J
01		RS1/16SS0R0J	5 455		CHOOLB ION IO			IC 1505	ic	TC7PA04FU			
						_		IC 1507	ic	SM8707FV	R 1130		RS1/16SS0R0J
502		RS1/16SS102J	C 436		CKSSYB104K10	E	Е		100		R 1131		RS1/16SS0R0J
503		RS1/16SS154J	C 441		CKSRYB104K16			IC 1602	IC	NJM2100M	R 1132		RS1/16SS0R0J
			C 442		CCSRCH101J50						R 1133		RS1/16S2402D
08	(EW)	RS1/16SS472J	C 443		CKSRYB104K16			IC 1604	IC	NJM2100V	1150		
	(UC)	RS1/16SS103J						IC 1605	ic	PCM1742KE	B 445 :		
09	(00)		C 444		CKSSYB103K16			IC 1701	ic	PE5395B	R 1134		RS1/16S1002D
		RS1/16SS473J									R 1135		RS1/16S2702D
0		RS1/16SS102J	C 445		CKSSYB104K10			IC 1702	IC	M5M5V216ATP-70HI	R 1140		RS1/16SS105J
11		RS1/16SS103J	C 461	22µF/6.3V	CCH1408		•	IC 1705	IC	PD6474B	R 1141		RS1/16SS105J
			C 462		CKSRYB104K16						R 1142		
12		RS1/16SS473J	C 463					IC 1706	IC	TC7SH08FU	K 1142		RS1/16SS105J
					CKSRYB104K16			Q 1101	Transistor	2SB1260			
13		RS1/16SS103J	C 464		CKSSYB103K16						R 1151		RS1/16SS103J
4		RS1/16SS473J						Q 1102	Transistor	2SB1260	R 1152		RS1/16SS103J
		RS1/16SS473J	C 465		CKSSYB103K16			Q 1103	Transistor	UN2211	R 1201		
15		RS1/16SS103J	C 466			F	-	Q 1104	Transistor	2SB709A			RS1/16SS221J
		1101/10001000			CKSSYB103K16	r	-	G 1104		2001000	R 1202		RS1/16SS393J
					CKSSYB103K16						R 1203		RS1/16SS303J
515 517			C 467		Choolelonio								
17		RS1/16SS473J	C 467 C 468		CKSSYB104K10			Q 1105	Transistor	2SD601A	11 1200		1101/10003000
17		RS1/16SS473J RS1/16SS473J						Q 1105 Q 1201	Transistor Transistor	2SD601A DTC124EU	R 1205		RS1/16SS0R(U

Circuit Symbol and No.	Part No.	Circuit Symbol and No.	Part No.				Circuit Symbol and No.	Don't No.	Cleant Combatan and Na	D N
R 1206	RS1/16SS102J						Circuit Symbol and No.	Part No.	Circuit Symbol and No.	Part No.
			RS1/16SS103J				R 1583	RS1/16SS4R7J	R 1716	RS1/16SS221J
R 1209	RS1/16SS221J		RS1/16SS103J				R 1564	RAB4CQ0R0J	R 1717	RS1/16SS104J
R 1210	RS1/16SS393J		RS1/16SS103J		Α	Α	R 1565	RS1/16S101J	R 1718	RS1/16SS104J
R 1211	RS1/16SS393J	R 1393	RS1/16SS103J				R 1586	RS1/16S101J	R 1720	RS1/16SS104J
R 1212	RS1/16SS393J	R 1394	RS1/16SS471J				R 1567	RAB4CQ0R0J	R 1721	RS1/16SS104J
R 1213	RS1/16SS393J	R 1395	RS1/16SS0R0J				R 1568	RS1/16S101J	R 1722	RS1/16SS104J
R 1214	RS1/16SS221J	R 1396	RS1/16SS0R0J				R 1569	RS1/16S101J	R 1723	RS1/16SS104J
R 1215	RS1/16SS1R0.	R 1401	RS1/16SS101J				R 1570	RS1/16S101J	R 1724	RS1/16SS222J
R 1216	RS1/16SS1R0		RAB4CQ220J				R 1571	RS1/16S220J	R 1724	RS1/16SS222J
R 1218	RS1/16SS221J	R 1404	RAB4CQ220J				R 1572	RAB4CQ0R0J	R 1726	RS1/16SS104J
R 1219	RS1/16SS221J		RAB4CQ220J				R 1573	RS1/16SS473J	R 1727	RS1/16SS104J
R 1220	RS1/16SS221J		RAB4CQ220J				R 1574			
R 1221	RS1/16SS822J		RS1/16SS220J					RAB4CQ0R0J	R 1728	RS1/16SS104J
R 1222	RS1/16SS822J		RS1/16SS103J		В	В	R 1575 R 1576	RAB4CQ0R0J RAB4CQ0R0J	R 1730 R 1731	RS1/16SS221J RS1/16SS104J
R 1223	RS1/16SS822J	R 1409	RS1/16SS820J							
R 1224	RS1/16SS563J						R 1577	RAB4CQ0R0J	R 1732	R\$1/16SS0R0J
R 1225	RS1/16SS243J		RS1/16SS820J				R 1578	RS1/16SS472J	R 1733	RS1/16SS104J
R 1226	RS1/16SS473J		RAB4CQ0R0J				R 1579	RS1/16SS101J	R 1734	RS1/16SS221J
R 1227			RS1/16SS100J				R 1587	RS1/16SS101J	R 1735	RS1/16SS104J
	RS1/16SS473J	R 1413	RS1/16SS820J				R 1595	RS1/16SS472J	R 1736	RS1/16SS104J
R 1228	RS1/16SS1R0J	J R 1414	RAB4CQ820J		_	_	R 1596	RS1/16SS472J	R 1737	504445004644
R 1229	RS1/16SS1R0.		RS1/16SS103J				R 1597			RS1/16SS104J
R 1230	RS1/16SS1R0.		RS1/169S221J					RS1/16SS104J	R 1738	RS1/16SS104J
R 1232	RS1/16SS822J		RS1/16SS221J				R 1598	RS1/16SS270J	R 1739	RS1/16SS330J
R 1233	RS1/16SS243J						R 1601	RS1/16SS821J	R 1740	RS1/16SS0R0J
		FC 1423	RS1/16SS221J		С	С	R 1602	RS1/16SS821J	R 1741	RS1/16SS0R0J
R 1234	RS1/16S391J	R 1424	RS1/16SS221J		C	C	R 1603	RS1/16SS0R0J	R 1742	RS1/16SS473J
R 1235	RS1/16S471J	R 1425	RAB4CQ221J				R 1604	RS1/16SS0R0J	R 1746	RS1/16SS104J
R 1236	RS1/16SS513J	R 1426	RAB4CQ221J				R 1605	RS1/16SS102J	R 1748	RS1/16SS104J
R 1237	RS1/16SS513J	R 1501	RS1/16SS220J				R 1606	RS1/16SS102J	R 1749	
R 1301	RS1/16SS222J		RAB4CQ220J				R 1607	RS1/16SS222J	R 1750	RS1/16SS103J RS1/16SS473J
R 1321	DD4/40004044				_	_				
R 1322	RS1/16SS104J		RS1/16S101J		•		R 1608	RS1/16SS222J	R 1751	RS1/16SS103J
	RS1/16SS0R0J		RAB4CQ220J				R 1609	RS1/16SS472J	R 1752	RS1/16SS104J
R 1323	RS1/16SS221J		RS1/16S101J				R 1610	RS1/16SS472J	R 1753	RS1/16SS104J
R 1324	RS1/16SS221J		RAB4CQ220J				R 1611	RS1/16SS472J	R 1754	RS1/16SS104J
R 1334	RS1/16SS221J	R 1512	RAB4CQ220J				R 1612	RS1/16SS472J	R 1756	RS1/16SS104J
R 1336	RS1/16SS103J	R 1518	RAB4CQ220J		_		R 1613	RS1/16SS103J	R 1757	
R 1337	RS1/16SS103J		RAB4CQ220J		D	D	R 1614			RS1/16SS472J
R 1338	RS1/16SS472J		RS1/16S0R0J					RS1/16SS103J	R 1758	RS1/16SS104J
R 1339	RS1/16SS273J						R 1615	RS1/16SS472J	R 1759	R\$1/16S\$104J
R 1340	RS1/16SS472J		RAB4CQ220J				R 1616	RS1/16SS472J	R 1760	RS1/16S1002D
			RS1/16SS201J				R 1626	RS1/16SS0RQJ	R 1761	RS1/16SS105J
R 1341	RS1/16SS273J		RAB4CQ220J				R 1627	RS1/16SS0R0J	R 1762	RS1/16SS473J
R 1342	RS1/16SS273J		RAB4CQ220J		1		R 1628	RS1/16SSOROJ	R 1763	RS1/16SS104J
R 1344	RS1/16SS273J	R 1539	RS1/16SS221J				R 1637	RS1/16SS104J	R 1764	RS1/16SS104J
R 1349	RS1/16SS562J	R 1542	RS1/16SS103J				R 1638	RS1/16SS104J	R 1765	RS1/16SS104J
R 1350	RS1/16SS242J	R 1543	RS1/16SS680J				R 1642	RS1/16SS221J	R 1767	RS1/16SS104J
R 1352	RS1/16S2702D	R 1544	RS1/16SS0R0J				R 1643	RS1/16SS221J	R 1768	D04440C0 : :
R 1353	RS1/16SS102J		RS1/16SS0R0J		_	-	R 1645			RS1/16SS473J
R 1360	RS1/16SS153J		RS1/16SS0R0J		E	E		RS1/16SS0R0J	R 1769	RS1/16SS104J
R 1361	RS1/16SS105J						R 1647	RS1/16SS221J	R 1770	RS1/16SS473J
R 1362	RS1/16SS473J		RS1/16SS0R0J RS1/16SS0R0J				R 1648 R 1649	RS1/16SS221J RS1/16SS101J	R 1771 R 1773	RS1/16SS473J RS1/16SS103J
R 1363	RS1/16SS101J	R 1552								
R 1364	RS1/16SS123J		RS1/16SS471J				R 1650	RS1/16SS101J	R 1790	RS1/16SS473J
R 1365	RS1/16SS101J		RS1/16S68R0D		-		R 1651	RS1/16SS101J	R 1792	RS1/16SS0R0J
R 1367	RS1/16SS101J		RS1/16SS471J		-	-	R 1653	RS1/16SS473J	R 1794	RS1/16SS222J
R 1369			RS1/16SS0R0J				R 1656	RS1/16SS102J	R 1795	RS1/16SS104J
	RS1/16SS473J	R 1556	RS1/16SS750J				R 1701	RS1/16SS473J	R 1796	RS1/16SS473J
R 1375	RS1/16SS103J	R 1557	RS1/16SS0R0J				D 4704			
R 1376	RS1/16SS103J	R 1558					R 1704	RS1/16SS473J	R 1797	RS1/16SS104J
R 1377	RS1/16SS103J		RS1/16SS622J				R 1706	RS1/16SS104J	R 1798	RS1/16SS104J
R 1378	RS1/16SS103J	77 1000	RAB4CQ0R0J		F	F	R 1707	RS1/16SS221J	R 1801	RS1/16SS104J
R 1379	RS1/16SS103J	11 1000	RS1/16SS122J				R 1708	RS1/16SS221J	R 1802	RS1/16SS104J
	1/10001033	R 1561	RS1/16SS162J				R 1714	RS1/16SS221J	R 1803	RS1/16SS104J
R 1380	RS1/16SS103J	R 1562	RS1/16SS0R0J				R 1715	RS1/16SS473J	R 1804	RS1/16SS102J
		SERVICE VERBUING		187			188		(*//(t/t/e- 22	131/10351023
• 5 •	6	7	8			•	1 -	2	3	4

• 5 • 6 • 7 • 8 • 1 • 2 • 3

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Circuit Symbol and No. R 1805	Part No. RS1/16SS102J	Circuit Symbol and No.	Part No. CKSSYB104K10			Circuit Symbol and No.	Part No.		rcuit Symbol and No.	Part No.
K 1805	KS1/165S102J					C 1529	CKSRYB224K10	C 1720		CKSRYB224K10
CARACITORS		C 1314 C 1315	CKSRYB224K10			C 1530	CKSRYB224K10	C 1721		CKSSYB104K10
CAPACITORS		C 1315	CKSRYB102K50	Α	Α	C 1531	CKSSYB471K50	C 1722		CKSRYB224K10
0.4404		C 1316	CKSRYB393K16			C 1532	CKSSYB104K10	C 1723		CKSRYB224K10
C 1101 C 1102	CSZSC470M16	C 1317	CKSSYB104K10			C 1533	CKSSYB104K10	C 1724		01/00//01/00//
C 1102 C 1103	CSZSR470M6R3 CKSSYB104K10	C 1317	CKSSYB103K16			C 1533 C 1534	CKSRYB224K10			CKSSYB103K16
		C 1319						C 1727		CKSSYB224K6R3
C 1104 C 1105	CKSSYB103K16	C 1319	CKSSYB104K10 CKSSYB103K16			C 1535 C 1538	CKSSYB104K10 CKSSYB104K10	-		
CTIOS	CSZSR101M6R3	C 1329	CKSSYB104K10			C 1538 C 1539	CKSRYB104K10	8		
C 1106	CKSSYB104K10	C 1323	CNSSTBTOAKTO	_	-	C 1539	CKSKIBIUSKIU		b CIMW2454	
C 1106	CKSSYB104K10	C 1330	CKSRYB183K25			C 1540	CKSRYB105K10		umber:CWX3154	
C 1108	CKSSYB104K10	C 1331	CCSSCH470J50			C 1540	CKSSYB104K10	Unit Na	ame:Compound Un	it(A)
C 1109	CKSRYB473K25	C 1332	CKSRYB224K10			C 1543	CSZS4R7M16		•	` '
C 1110	CKSRYB473K25	C 1333	CKSRYB224K10			C 1544	CKSSYB104K10	Q 1299	Photo-taransistor	CPT231SCTD
CITIO	CKSKI B473K25	C 1334	CKSRYB102K50	В	В	C 1547	CSZSR330M10	S 1201	Spring Switch(12cm)	CSN1069
C 1111	CKSSYB103K16	0 1004	CHOILI BIOZNO	В	В	C 1347	C323R330M10	S 1202	Spring Switch(8cm)	CSN1069
C 1112	CKSRYB105K10	C 1335	CKSSYB562K25			C 1548	CKSSYB104K10	S 1203	Spring Switch(DISC SENS)	
C 1113	CKSRYB105K10	C 1336	CKSSYB104K10			C 1549	CKSSYB104K10	S 1204	Spring Switch(DISC SENS)	
C 1114	CKSSYB103K16	C 1337	CKSRYB102K50			C 1550	CKSSYB104K10		, , , , , , , , , , , , , , , , , , , ,	
C 1121	CKSSYB221K50	C 1338	CKSRYB102K50			C 1551	CKSSYB104K10			
0 1.21	CHOSTBEZINGO	C 1339	CKSRYB102K50			C 1552	CKSSYB104K10	S 1205	Spring Switch(8cm)	CSN1070
C 1122	CKSRYB393K16	0 1000	ONOINI DIOZNOO			C 1332	CKSSTBTOAKTO	R 1298		RS1/16S0R0J
C 1122 C 1124	CKSSYB221K50	C 1340	CKSSYB104K10	-	_	C 1554	CKSSYB104K10	R 1299		RS1/16S0R0J
C 1125	CKSSYB104K10	C 1341	CCSSCH101J50			C 1555	CKSSYB104K10			
C 1126	CKSSYB104K10	C 1342	CKSRYB391K50			C 1556	CKSSYB104K10	F		
C 1127	CKSSYB104K10	C 1343	CKSRYB471K50			C 1557	CKSSYB104K10			
J 1.12.	CROSTETOARTO	C 1344	CKSRYB331K50			C 1558	CKSSYB104K10	Unit N	umber:CWX3156	
C 1128	CKSRYB472K50			С	С	0 1000	CASSIBIOARIO		ame:Compound Un	14/D\
C 1129	CKSSYB104K10	C 1346	CKSRYB224K10	C	C	C 1559	CKSSYB104K10	Ollit 14	ame.compound on	iii(D)
C 1132	CKSRYB561K50	C 1347	CKSSYB104K10			C 1560	CKSSYB104K10			
C 1133	CKSRYB561K50	C 1348	CKSSYB104K10			C 1582	CKSSYB104K10	S 1206	Switch(CLAMP)	CSN1051
C 1134	CKSRYB273K16	C 1349	CKSSYB104K10			C 1563	CKSSYB104K10			
		C 1350	CKSSYB104K10			C 1564	CKSSYB104K10	M		
C 1135	CKSSYB473K10									
C 1136	CKSSYB104K10	C 1351	CKSSYB104K10			C 1566	CCSSCH7R0D50	Unit N	umber:CZW3087	
C 1137	CKSSYB104K10	C 1352	CKSSYB104K10			C 1567	CCSSCH7R0D50	Unit N	ame:Main Unit	
C 1138	CKSSYB104K10	C 1401	CCSSCH181J25			C 1605	CKSSYB471K50			
C 1139	CKSSYB104K10	C 1402	CKSSYB104K10			C 1606	CKSSYB471K50	MISCEL	LANEOUS	
-		C 1403	CKSSYB104K10			C 1609	CKSRYB104K16	MISCEL	LANEOUS	
C 1201	CKSSYB104K10					- 1000		IC 3801	IC	DAGGAGT
C 1204	CEV101M16	C 1404	CKSSYB104K10	D	D	C 1610	CKSRYB224K10	IC 3802	IC IC	BA00AST BA6247FP
C 1206	CKSRYB104K16	C 1406	CKSSYB104K10		U	C 1611	CSZSR100M16	IC 3803	IC IC	TA78L05F
C 1206	CKSRYB103K50	C 1501	CKSRYB224K10			C 1612	CKSQYB225K10	IC 3804	IC	TC7S14FU
C 1207	CKSRYB103K50	C 1502	CKSRYB224K10			C 1615	CCSRCH471J50	IC 3805	Photo-interrupter	GP2L24B
		C 1503	CKSRYB224K10			C 1616	CCSRCH471J50	10 3005	Prioto-interrupter	GP2L24B
C 1208	CCSSCH5R0C50							Q 3801	Transistor	DTC124EU
C 1209	CCSSCH470J50	C 1504	CKSRYB224K10	_	_	C 1617	CCSRCH471J50	Q 3802	Transistor	2SA1037K
C 1213	CKSRYB104K25	C 1505	CKSRYB224K10			C 1618	CCSRCH471J50	Q 3803	Transistor	DTC124EU
C 1214	CKSRYB104K25	C 1507	CKSRYB224K10			C 1619	CKSRYB104K16	D 3801	Diode	UDZS5R6(B)
C 1215	CKSSYB104K10	C 1508	CKSRYB224K10			C 1641	CKSRYB104K16	D 3802	Diode	1SS355
		C 1510	CSZSC101M10			C 1650	CKSYB475K16	5 5002	3000	100000
C 1216	CSZSC470M16							L 3801	Inductor	LCTA150J2520
C 1217	CKSRYB104K25	C 1513	CKSRYB224K10			C 1651	CKSYB475K16	L 3802	Inductor	LCTA150J2520
C 1218	CSZSC470M16	C 1514	CKSRYB224K10	E	E	C 1676	CSZSR100M10	- 0002	maroto:	E01A13002320
C 1221	CKSRYB104K25	C 1515	CKSRYB224K10	_	_	C 1701	CKSRYB224K10	RESIST	ORS	
C 1301	CKSSYB104K10	C 1516	CKSRYB224K10			C 1702	CKSRYB224K10	1753131	71/7	
		C 1517	CKSRYB224K10			C 1703	CKSRYB224K10	R 3801		D04/4004001
C 1302	CKSSYB104K10	_						R 3802		RS1/16S103J
C 1303	CKSSYB224K6R3	C 1518	CKSRYB224K10			C 1706	CKSRYB224K10	R 3803		RS1/16S222J
C 1304	CKSSYB104K10	C 1519	CKSRYB224K10			C 1707	CKSRYB224K10	R 3804		RS1/16S471J
C 1305	CKSSYB224K6R3	C 1520	CKSRYB224K10	•	•	C 1708	CKSSYB471K50	R 3805		RS1/16S102J
C 1306	CKSSYB471K50	C 1521	CKSRYB224K10			C 1710	CKSRYB224K10	K 3805		RS1/16S102J
		C 1522	CKSRYB224K10			C 1711	CKSSYB103K16	R 3806		DC4/460400 :
C 1307	CKSSYB104K10							R 3807		RS1/16S102J
C 1308	CKSRYB224K10	C 1523	CKSRYB224K10			C 1712	CKSSYB103K16			RS1/16S102J
C 1309	CKSSYB104K10	C 1524	CKSRYB224K10			C 1713	CKSRYB224K10	R 3808		RS1/16S103J
C 1310	CKSSYB104K10	C 1525	CKSSYB104K10	F	F	C 1716	CKSRYB224K10	R 3809		RS1/16S222J
C 1311	CKSSYB103K16	C 1526	CKSRYB224K10	•		C 1717	CKSSYB104K10	R 3810		RS1/16S222J
		C 1527	CKSRYB224K10			C 1718	CKSRYB224K10			D044405
C 1312	CKSSYB103K16							R 3811		RS1/16S102J
		C 1528	CKSSYB104K10			C 1719	CKSSYB104K10	R 3812		RS1/16S102J
_	Section 1	Section of the said of the section of the		189		190	A Wan	MX(n\n)e#		
• 5 •	6	7	8			1 =	2	Carlotte Control (Carlotte Control	3	4
							-			-

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• 5 = 6 = 7 = 8 = 1 = 2 = 3 = 4 =

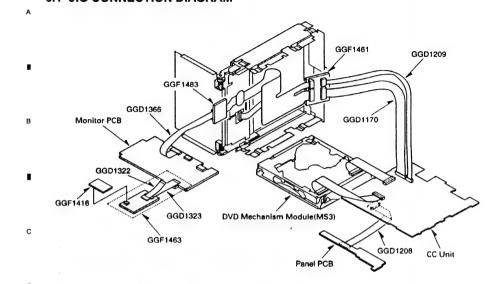
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Circ	uit Symbol and No.	Part No.
R 3813		RS1/16S472J
R 3814		RS1/16S102J
R 3815		RS1/16S0R0J
R 3816		RS1/16S0R0J
R 3817		RS1/16S0R0J
R 3818		RS1/16S473J
R 3819		RS1/16S0R0J
R 3821		RS1/16S473J
R 3822		RS1/16S512J
R 3823		RS1/16S0R0J
CAPACITO	ORS	
C 3801		CKSQYB105K16
C 3802		CKSQYB105K16
C 3803		CKSRYB104K16
C 3804		CKSRYB104K16
C 3805		CKSRYB104K16
C 3806		CKSRYB223K50
C 3807		CKSRYB223K50
C 3808		CEVW101M16
C 3809		CEVW101M16
C 3810		CKSRYB104K16
C 3811		CEV100M16
C 3812		CKSRYB104K16
C 3813		CKSRYB102K50
C 3815		CKSQYB104K50
C 3819		CEVW101M16
	mber:CZW3088 me:SW Unit	
Omit Hai	ne.ov om	
S 3831	Switch (ANGLE)	CSN1052
S 3832	Switch (LIFT)	CSN1052
0		
Unit No	mber:CZW3089	
	me:Volume Unit	
		001111005
VR3841	Rotary (Angle sense)	CCW1025
Miscella	neous Parts List	
	Pickup Unit(Service)(DP5)	CXX1915
M 1	Motor Unit(LOADING)	CXC4659
M 2	Motor Unit(CARRIAGE)	CXC4314
M 3	Motor(SPINDLE)	CXM1308
M 3001	Motor Unit(Position)	CXB9515
M 3002	Motor Unit(Angle)	CXB9516
M 100	Fan Motor	CXM1284
M 101	Fan Motor	CXM1289
M 102	Fan Motor	CXM1293
	LCD Panel	CWX3056

CAW1870

LCD

6. ADJUSTMENT 6.1 JIG CONNECTION DIAGRAM



*1) After connecting the Hideaway Unit, please perform adjustment.

.liG's List

Function	Name	Jig No.
CC Unit (CN609) <> Main Unit (CN3801)	PCB	GGF1461
CC Unit (CN609) <> GGF1461	40P FFC	GGD1170
CC Unit (CN609) <> GGF1461	20P FFC	GGD1209
CC Unit (CN608) <> Monitor PCB (CN4002)	PCB	GGF1483
CC Unit (CN2701) <> Panel PCB (CN5901)	18P FFC	GGD120
Monitor PCB (CN4002) <> GGF1483	36P FFC	GGD136
Monitor Adjustment PCB (*2)	PCB	GGF1416
JIG connector Assy (*2)	PCB and FFC	GGF1463
Monitor PCB ("FOR SERVICE" 14P terminal) <> GGF1463 (*2)	14P FFC	GGD132
TEST DISC (Operation check)	CD-ROM or DVD-ROM	GGV113

*2) Since this product does not have OSD IC, OSD for adjustment is displayed by using GGF1418 and GGF1463 at the time of monitor adjustment. As you will find lands for 14 pins with 0.8mm pitch at the left top part of the monitor board, directly solder a flexible PCB of GGD1323 for adjustment. As GGD1322 is not used, be careful not to short the terminal.

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6.2 DVD ADJUSTMENT



1) Precautions

This product uses 5V and 3.3V as standard voltages. The electrical potential that is the reference for signals. is not GND, but VREF (approximately 2.2V) and VHALF (approximately 1.65V).

During product adjustments, if the reference voltage is mistakenly taken as GND, and a grounding contact is made, not only would it be impossible to measure the accurate electrical potential, but also the servo motor would malfunction, resulting in the application of a strong impact on the pick up. The following precautionary measures should be strictly adhered to, in order to avoid such problems.

The reference voltage and GND should not be confused when using the minus probe of a measurement device. When an oscilloscope is being used special care should be taken to make sure that the reference voltage is not connected to the probe of ch1 (on the minus side). while the probe of ch2 (on the minus side), is connected to GND. Further, since the body frame of most measurement devices have the same electrical potential as the minus side of the probe, the body frame of the measurement device should be set to floating ground.

If the reference voltage is connected to GND by mistake, turn the regulator OFF immediately, or turn the power OFF.

- · Remove the filters and wires used for measurements only after the regulator has been turned OFF.
- · After the power supply is turned on, regulator ON the following adjustment and measurement are promptly done.
- · Whenever the product is in the test mode, the software will not take any protective action. For this reason, special care should be taken to make sure that no mechanical or electrical shock could be applied to the product when taking measurements in the test mode.
- · Whenever the EJECT key is pressed to eject the disk, no other keys, other than the EJECT key, should be pressed until the disk eject action has been complet-
- · Press the EJECT key only after the disk has stopped completely.
- · If the product hangs up turn the power OFF immediately.
- · Laser didoes may be damaged, if the volume switch for the laser power adjustment of the pick up unit, is turned.

Test mode starting procedure

Please select "MS3 check" (page 230) to start test mode.

(Additional Information)

IP-BUS slave unit (i.e. Multi-CD changer) test mode starting procedure.

. To enter the test mode

While pressing the SOURCE and ANGLE- keys at the same time, reset.

Key Assign table

tte, riesigii teste	
AVIC-N2/XU/UC or AVIC-X1R/XU//EW	MAIN UNIT KEY (6 keys type)
UP	UP
DOWN	DOWN
LEFT	LEFT
RIGHT	RIGHT
BAND	BAND
REAR	1
WIDE	2
ENT	3
ANGLE-	4
ANGLE+	5
EQ	6

^{*} Refer to service manual for adjustment of the slave unit.

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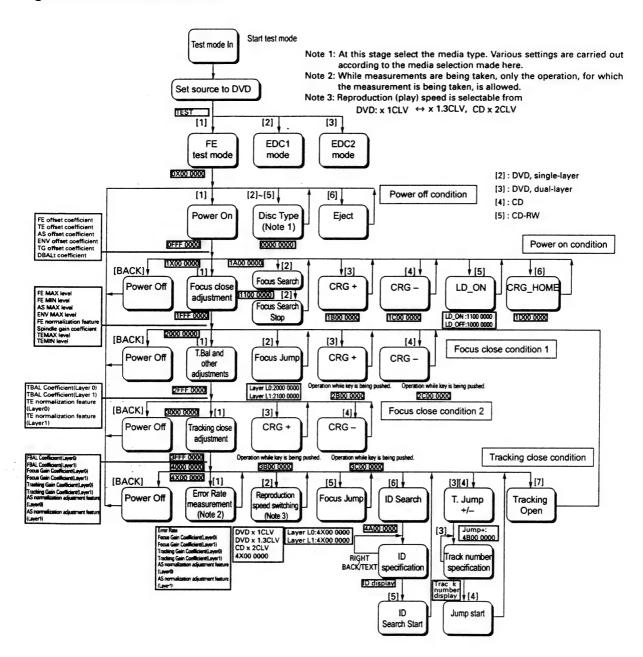
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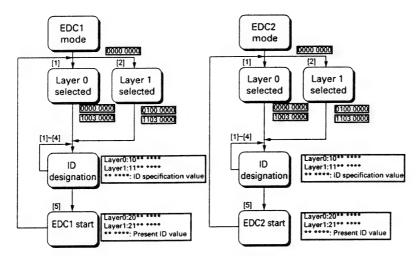


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AVIC N2/XU/UG

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F-close and F-search cannot be executed, unless LD-ON is set. [If F-close isn't executed within 9 seconds after LD-ON, it switches to LD-OFF automatically. And even if F-search is executed within 9 seconds after LD-ON, it also switches to LD-OFF.] Please carry out F-close after carrying out power-off at once and carrying out power-on again, when carrying out F-close after performing F-search.

The track number designation is selected from the track numbers already prepared for selection. Switching to cyclic operation is made at step REAR, and the decision is finalized (entered) in step BACK/TEXT.

For CD: Tracks 1, 4, 10, 11 and 32.

For DVD: Tracks 1, 4, 10, 11, 32, 64 and 100.

Method for designating an ID address:

 A number of digits are determined through commands RIGHT and LEFT. Numerical UP/DOWN operations are performed through commands REAR and BACK/TEXT. The decision is finalized (entered) with command ATT.

Display

Error Code List

Error status from	Tent Carl Town	
0X50	Mecha. error	No display
0X40	No disc	No display
0X30	The temperature is abnormal	Thermal Protection in Motion
0X20	Read error	Error-02-XX
0XE2	Non-playable disc	NON-PLAYABLE DISC
0X90	Different region disc	DIFFERENT REGION DISC
0XFF	Undefined error	Error-FF

Error code of read error(Part of XX)

Error Code	Contents	Display Control of the Control of th
0X99	Data cannot read	Please confirm the disc
0X80	The address cannot be found	Please confirm the disc
0X90	Focus error	Please confirm the disc
0X91	Spindle lock NG	DVD is stopping because mechanism detected abnormality
0X92	Carriage home NG	DVD is stopping because mechanism detected abnormality
0X93	FOK error	Please confirm the disc
0X94	ID/Subcode cannot be read	Please confirm the disc
0X95	High spindle rotation	DVD is stopping because mechanism detected abnormality
0X96	Row spindle rotation	DVD is stopping because mechanism detected abnormality
0X98	TOC cannot be found	Please confirm the disc
0X9A	AV chip error	DVD is stopping because mechanism detected abnormality
0X9B	RecaveryNG(BE)	DVD is stopping because mechanism detected abnormality
0X9C	Play state error	
0X9D	Disc data error	
0X9E	Serface error (Disc distinction is improper)	

Skew adjustment

The skew adjustment is to adjust the pickup and the flatness of the disc so that the beam from the pickup continues to go to the disc vertically. In MS3 mecha, the pickup shaft on the inner track near the carriage motor is fixed, so the fixed position is regarded as the standard and the flatness is adjusted. Observing the RF waveform on the oscilloscope, repeat the adjustment on the inner track position and the outer track position, and narrow the adjusted value.

If any of the following replacements have been performed on the system, adjustments for pick up, must be conducted:

- 1. Pick up unit replacement
- 2. Spindle motor replacement
- 3. Carriage chassis replacement
- 4. Pick up unit main shaft replacement
- 5. Pick up unit sub-shaft replacement

Measurement device and tools: Oscilloscope

Allen key wrench

40-pin flexible extension (GGD1170)

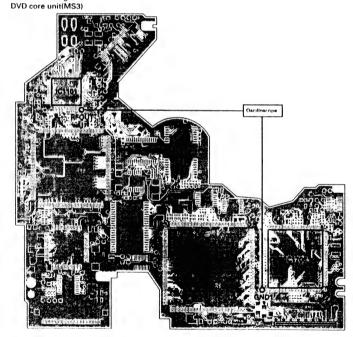
Screw rock(GYL1001)

Disk used : GGV1018

Measurement reference : GND1
Measurement point : RFOUT

Connection diagram

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Symptoms in case of poor adjustment: Error efficiency deteriorated: 10⁻³ (Optimum value: 10⁻⁴ or lower)

High jitter of the RF signal RF waveform deformed Unstable operation in tracking closing and serve control

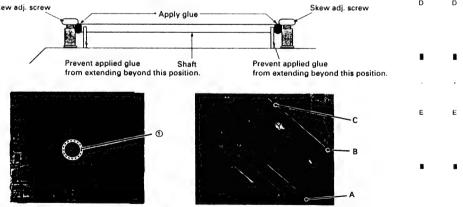
Caution: Avoid exposing your eyes to laser beams for a long time.

Preparation for adjustment: Clean both ends of the shafts.

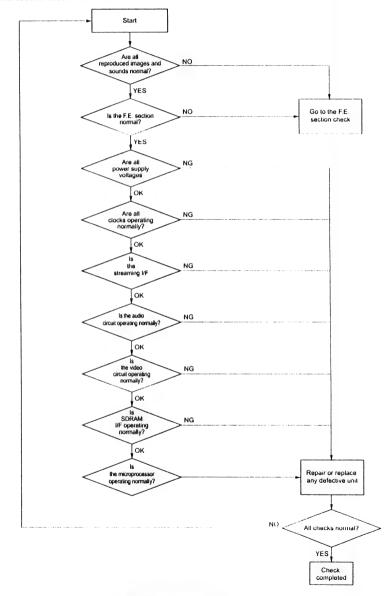
Use brand new skew screws supplied with the service kit GXX1234.

Procedures:

- 1. Place the DVD mechanism module upside down.
- To avoid the disc from being robbed when it is turned upside down, first put a coin of about 1.5 mm on the table, then turn the disc upside down and set it so that the ① in the figure comes to the point immediately above the coin.
- After replacing the pickup (by referring to the procedures of "Removing the Pickup."), roughly adjust the three skew screws through visual check so that the pickup is mounted in parallel to the CRG chassis around the inner and outer tacks.
- 3. Connect an oscilloscope as shown in the connecting diagram.
- 4. Turn on the power of the product. Load the test disc (GGV1018).
- In the front-end test mode, set the disc type to DVD layer 1. Then, turn on the power. Move the pickup toward
 the inner tracks.
- 6. Turn on the laser diodes.
- With the focus servo closed, complete all automatic adjustments. Close the tracking servo, and then complete all automatic adjustments.
- 8 Follow the next procedures, from 8-1 to 8-5, and adjust the (three) skew screws.
- 8-1 Move the pickup toward the inner track and turn the skew adjustment screw C so that the RF level of oscilloscope becomes the maximum.
- (Tangential adjustment at the inner track position: Adjust the flatness of the disc at the inner track position with the adjustment screw C)
- 8-2 Move the pickup toward the outer track and turn the skew adjustment screw B so that the RF level becomes the maximum.
- (Tangential adjustment at the outer track position: Adjust the flatness of the disc at the outer track position with the adjustment screw B)
- 8-3 Leave the pickup at the outer track position and turn the skew adjustment screws A and B in the same direction alternately one quarter at a time (A8-A-B •••) so that the RF level becomes the maximum.
- (Radial adjustment at the outer track position: Keeping the flatness at the outer track position, adjust the flatness of the whole disk with the adjustment screws A and B)
- 8-4 Move the pickup toward the inner track and turn the skew adjustment screw C so that the RF level becomes the maximum.
- (Tangential adjustment at the inner track position: Adjust the flatness of the disc at the inner track position with the djustment screw C)
- 8-5 Repeat the steps from 8-2 to 8-4 three times, and adjust at the position where the RF level becomes the maximum.
- 9. Turn off the power in the test mode. After confirming that the disc has stopped, eject the disc.
- 10. Adjust with a screw rock the shaft and skew adjustment screw to the same state as initial one.



Back end section check flow chart



Check 1: Are all power supply voltages normal?

Reproduce DVD-REF-A1 Title 1.

Verify the voltage of the sensing pin.

If results are not satisfactory, check to see if there are any problems with the resin flux cored solder, parts and components.

NO.	Verification location	Rated value	Unit
1	VD8-PGND	8±0.4	V
2	VD33-GND	3.3±0.3	V
3	SRVDD33-GND	3.3±0.3	V
4	VCC5-GND	5±0.25	٧
5	AVCC5-GND	5±0.3	V
6	VCC33-GND	3.3±0.15	V
7	VCC18-GND	1.8±0.15	V
8	VCC25-GND	2.5±0.2	V

A Check 2: Are all clocks operating normally?

Reproduce DVD-REF-A1 Title 1.

Checks are to be conducted with a GND reference.

If locations listed under "verification location 2", can be verified, there will be no need to perform verifications for the locations listed under "verification location 1."

If the result is not satisfactory, check to see if there are any problems with the resin flux cored solder, parts and components, in the vicinity of IC1507.

NO.	Verification location 1 (contact measurements)	Verification location 2	Media	Rated value1	Rated value 2	Rated value 3
1	CLK27	IC1503 96pin	ALL	2.65V~VCC33	GND~0.65V	27MHz±50ppm
2	EXTCK1	IC1503 100pin	DVD	2.65V~VCC33	GND~0.65V	36.8640MHz±100ppm
3	EXTCK1	IC1503 100pin	CD	2.65V~VCC33	GND~0.65V	33.8688MHz±100ppm
4	MCK16	IC1301 79pin	ALL	2.33~VCC33	GND~0.99V	16.9344MHz±100ppm
5	МСК33	IC1601 3,33pin	ALL	2.33~VCC33	GND~0.10V	33.8688MHz~40.0000MHz

Rated value 2

Rated value 2

Clock rated values

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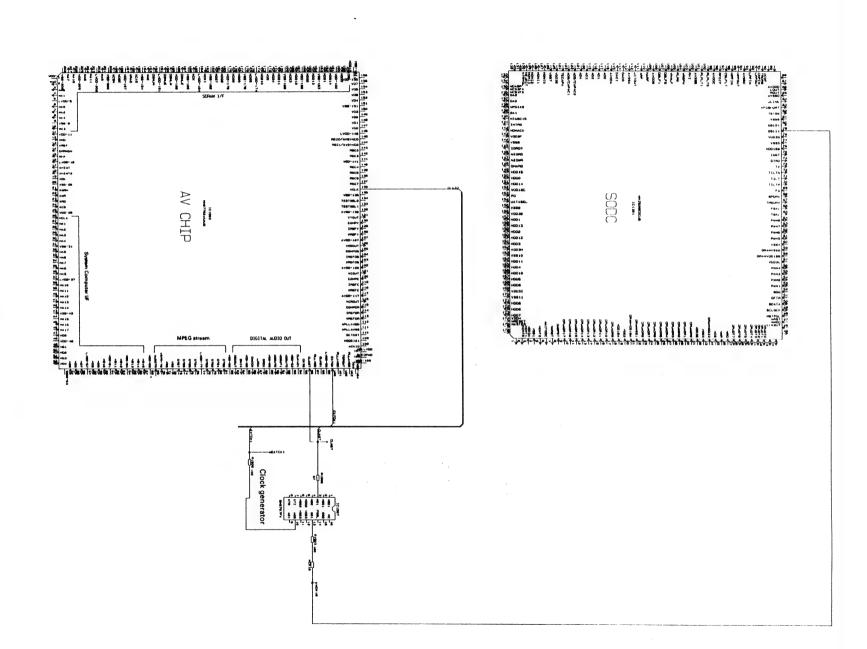
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Check 3: Is the streaming I/F operating normally?

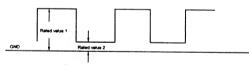
Reproduce DVD-REF-A1 Title 1.

Checks are to be conducted with a GND reference.

If the locations listed under "verification location 2" can be verified, then there is no need to conduct verifications for the locations listed under "verification location 1."

If the result is not satisfactory, check to see if there are any problems with the resin flux cored solder, parts and components, in areas where a problem occurs, for the overall sequence of output "input" of the checked location.

NO.	Verification location 1 (contact measurements)	Verification location2	Verification Media	Rated value 1	Rated value 2	Reference waveform	Others
1	STD0	IC1503 81pin	DVD	2V~VCC33	GND~0.8V	Waveform 1	Line name OHDD8 at R1425
2	STD1	IC1503 80pin	DVD	2V~VCC33	GND~0.8V	Waveform 1	Line name OHDD9 at R1425
3	STD2	IC1503 79pin	DVD	2V~VCC33	GND~0.8V	Waveform 1	Line name OHDD10 at R1425
4	STD3	IC1503 78pin	DVD	2V~VCC33	GND~0.8V	Waveform 1	Line name OHDD11 at R1425
5	STD4	IC1503 76pin	DVD	2V~VCC33	GND~0.8V	Waveform 1	Line name OHDD12 at R1426
6	STD5	IC1503 75pin	DVD	2V~VCC33	GND~0.8V	Waveform 1	Line name OHDD13 at R1426
7	STD6	IC1503 74pin	DVD	2V~VCC33	GND~0.8V	Waveform 1	Line name OHDD14 at R1426
8	STD7	IC1503 73pin	DVD	2V~VCC33	GND~0.8V	Waveform 1	Line name OHDD15 at R1426
9	STCLK	IC1503 70pin	DVD	2V~VCC33	GND~0.8V	Waveform 2	Line name ODA2 at IC1405
10	STVALID	IC1503 69pin	DVD	2V~VCC33	GND~0.8V	Waveform 2	Line name OINTRQ at IC1405
11	MASTER	IC1301 176pin	DVD	2V~VCC33	GND~0.8V	Waveform 2	Line name STENABLE at IC1405



Streaming I/F rated value

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Check 4: Is the audio circuit operating normally?

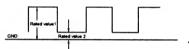
Reproduce DVD-REF-A1 Title 2 Chapter (48V/16-bit/1 kHz/0dB). Verify the circuit described in Figure 2.

Checks are to be conducted using GNDAU1 (sensing pins) as a reference.

If the locations, listed under "verification location 2", can be verified, there is no need to conduct verifications for the locations listed under "verification location 1."

If the result is not satisfactory, check to see if there are any problems with the resin flux cored solder, parts and components, in the vicinity of the main components.

NO.	Verification location 1	Verification location 2	Rated value 1	Rated value 2	Reference waveform
1	AOUT0	IC1503 90pin	2.0V and over	0.8V and lower	Waveform 3
2	SRCK	IC1605 1pin	2.0V and over	0.8V and lower	Waveform 3
3	LRCK	IC1605 3pin	2.0V and over	0.8V and lower	Waveform 3



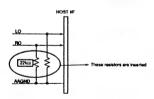
Three serial output rated values

Checks are conducted with the measurement circuit below.

NO.	. Verification Verification location 1 location 2		Rated value	Reference waveform
4	LO	CN1611 36pin	1100±150mV	Waveform 4
5	RO	CN1611 34pin	1100±150mV	Waveform 4



Analog audio outputs (LO and RO) rated values



LO and RO output measurement circuit

- Westernance

| Martin | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10 | 1-10

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Check 5: Is the video circuit operated normally?

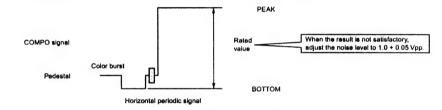
Reproduce DVD-REF-A1 Title 2 Chapters (White 100IRE).

Monitor the output with the oscilloscope, by setting the COMPO signal to a GND reference.

Set the Trigger mode to the TV trigger, and the Trigger line to line-150.

NO.	Verification location (sensing pin)		Reference waveform
1	СОМРО	1.0±0.05Vpp	Waveform 5

If the result is not satisfactory, check to see if there are any problems with resin flux cored solder, parts and components, in the vicinity of line-150 (the section marked (5) in the circuit diagram) and peripheral components.

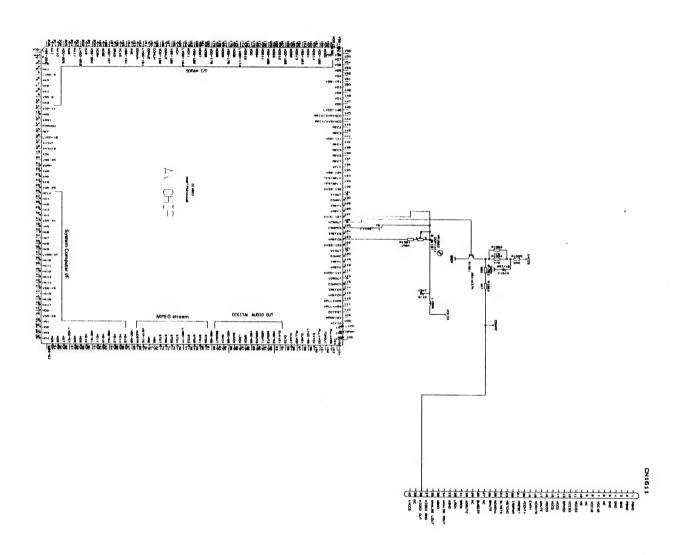


Composite signal 100% output waveform

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Check 6: Is SDRAM I/F operating normally?

Reproduce DVD-REF-A1 Title 1.

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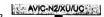
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Check the conductivity of both the "Verification location 1" and the "Verification location2."

If the result is not satisfactory, check to see if there are any problems with the resin flux cored solder, parts and components, in areas where a problem occurs, for the overall sequence of "output" input" of the checked location.

NO.	Signal name	Verification location 1	Verification location 2	Rated value
	MA0	IC1501 23pin	IC1503 2pin	22Ω ± 5%
2	MA1	IC1501 24pin	IC1503 4pin	22Ω ± 5%
3	MA2	IC1501 25pin	IC1503 7pin	22Ω ± 5%
4	MA3	IC1501 26pin	IC1503 10pin	22Ω ± 5%
5	MA4	IC1501 29pin	IC1503 8pin	22Ω ± 5%
6	MA5	IC1501 30pin	IC1503 6pin	22Ω ± 5%
7	MA6	IC1501 31pin	IC1503 3pin	22Ω ± 5%
8	MA7	IC1501 32pin	IC1503 207pin	22Ω ± 5%
9	MA8	IC1501 33pin	IC1503 204pin	22Ω ± 5%
	MA9	IC1501 34pin	IC1503 201pin	22Ω ± 5%
	MA10	IC1501 22pin	IC1503 206pin	2211 ± 5%
	MA11	IC1501 20pin	IC1503 203pin	2211 ± 5%
13	MDQ0	IC1501 2pin	IC1503 159pin	22Ω ± 5%
14	MDQ1	IC1501 4pin	IC1503 162pin	2211 ± 5%
15	MDQ2	IC1501 5pin	IC1503 165pin	2211 ± 5%
16	MDQ3	IC1501 7pin	IC1503 168pin	2211 ± 5%
17	MDQ4	IC1501 8pin	IC1503 171pin	22Ω ± 5%
18	MDQ5	IC1501 10pin	IC1503 175pin	22Ω ± 5%
19	MDQ6	IC1501 11pin	IC1503 178pin	22Ω ± 5%
	MDQ7	IC1501 13pin	IC1503 181pin	22Ω ± 5%
	MDQ8	IC1501 42pin	IC1503 180pin	22Ω ± 5%
22	MDQ9	IC1501 44pin	IC1503 177pin	22Ω ± 5%
23	MDQ10	IC1501 45pin	IC1503 173pin	22Ω ± 5%
	MDQ11	IC1501 47pin	IC1503 170pin	22Ω ± 5%
25	MDQ12	IC1501 48pin	IC1503 167pin	22Ω ± 5%
26	MDQ13	IC1501 50pin	IC1503 164pin	22Ω ± 5%
27	MDQ14	IC1501 51pin	IC1503 161pin	22Ω ± 5%
28	MDQ15	IC1501 53pin	IC1503 158pin	22Ω ± 5%
29	MCK	IC1501 38pin	IC1503 185pin	22Ω ± 5%
	XWE	IC1501 16pin	IC1503 193pin	22Ω ± 5%
	XCAS	IC1501 17pin	IC1503 195pin	22Ω ± 5%
	XRAS	IC1501 18pin	IC1503 196pin	2211 ± 5%
33	XCSM	IC1501 19pin	IC1503 199pin	22Ω ± 5%
	XCSE	IC1501 35pin	IC1503 198pin	22Ω ± 5%
	DQMUM	IC1501 39pin	IC1503 192pin	2201 ± 5%
	DOMLM	IC1501 15pin	IC1503 189pin	220 ± 5%
37	DOMUE	IC1501 21pin	IC1503 190pin	22(1 ± 5%



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Check 7: Is the microprocessor operating normally?

Check the conductivity of both the "Verification location 1" and the "Verification location2."

If the result is not satisfactory, check to see if there are any problems with the resin flux cored solder, parts and components, in areas where a problem occurs, for the overall sequence of "output - input" of the checked location.

NO. Signal name		Verification	Verification		Rated value	Others
		location 1	location 2	Media		
	A1	IC1701 142pin	IC1503 27pin	ALL	0Ω	
	A2	IC1701 141pin	IC1503 28pin	ALL	0Ω	
	A3	IC1701 140pin	IC1503 29pin	ALL	0Ω	
	A4	IC1701 139pin	IC1503 30pin	ALL	0Ω	
5	45	IC1701 138pin	IC1503 32pin	ALL	0Ω	
6	A6	IC1701 137pin	IC1503 33pin	ALL	0Ω	
7 /	Α7	IC1701 136pin	IC1503 34pin	ALL	002	
8	A8	IC1701 133pin	IC1503 35pin	ALL	013	
9	A9	IC1701 132pin	IC1503 36pin	ALL	002	
10	A10	IC1701 131pin	IC1503 38pin	ALL	0Ω	
11	A11	IC1701 130pin	IC1503 39pin	ALL	003	
12	A12	IC1701 129pin	IC1503 40pin	ALL	003	The second secon
13		IC1701 128pin	IC1503 41pin	ALL	0Ω	
	A14	IC1701 127pin	IC1503 42pin	ALL	ΩΩ	
15		IC1701 126pin	IC1503 44pin	ALL	ΩΩ	The second section and second agent store that the second as applicable to the second
16		IC1701 123pin	IC1503 45pin	ALL	0Ω	
17		IC1701 122pin	IC1503 46pin	ALL	ΩΩ	
	D0	IC1701 17pin	IC1503 47pin	ALL	0Ω	
	D1	IC1701 16pin	IC1503 49pin	ALL	0Ω	
	D2	IC1701 15pin	IC1503 50pin	ALL	0Ω	
	D3	IC1701 14pin	IC1503 51pin	ALL	0Ω	
	D4	IC1701 13pin	IC1503 52pin	ALL	0Ω	
	D5	IC1701 12pin	IC1503 54pin	ALL	0Ω	
	D6	IC1701 11pin	IC1503 55pin	ALL	0Ω	
	D7	IC1701 10pin	IC1503 56pin	ALL	0Ω	
26		IC1701 7pin	IC1503 58pin	ALL	0Ω	
	D9	IC1701 6pin	IC1503 59pin	ALL	0Ω	
	D10	IC1701 5pin	IC1503 60pin	ALL	002	
29		IC1701 4pin	IC1503 62pin	ALL	002	
30		IC1701 3pin	IC1503 63pin	ALL	0Ω	
31		IC1701 3pin	IC1503 65pin	ALL	002	
32		IC1701 2pin	IC1503 66pin	ALL	003	
33	015	IC1701 144pin	IC1503 66pin	ALL	003	
	XCSAVR	IC1701 101pin	IC1706 1pin	ALL	0Ω	
	XCSAVW	IC1701 101pin	IC1706 1pm	ALL	002	
	XCSAV	IC1701 100pin	IC1503 24pin	ALL		
	XAVINT	IC1700 4pm	IC1503 24pin	ALL	00	
	XAVINT2	IC1701 42pin				
	XRD	IC1701 41pin	IC1503 18pin IC1503 23pin	ALL	ΩΩ	
	CLKOUT	IC1701 95pin	IC1503 23pin		00	15
40	CLKOUI	IC 1701 SUDIU	ic ious apin	ALL	33Ω	Dividing circuitFor verification location
43	HCLK	IC1E02 Enia	101500 00.	All	0000 1 5 2	include also IC1502 pin-3
		IC1502 5pin	IC1503 26pin	ALL	200Ω ± 5 %	
	XSRAMWR	IC1701 105pin	IC1505 1pin	ALL	Ω	
43	XHWR	IC1504 8pin	IC1503 21pin	ALL	681) ± 5 %	

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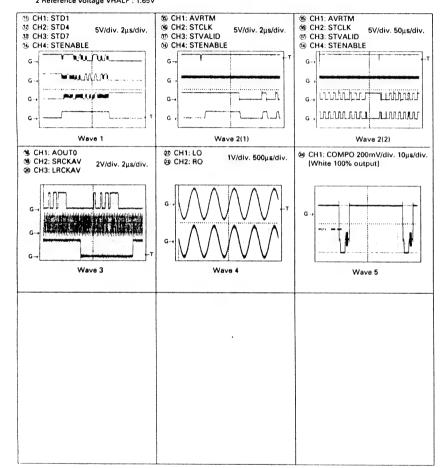
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AVIC-N2/XU/UC

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Note:1 The encircled number denote measuring pointes in the circuit diagram. 2 Reference voltage VHALF: 1.65V

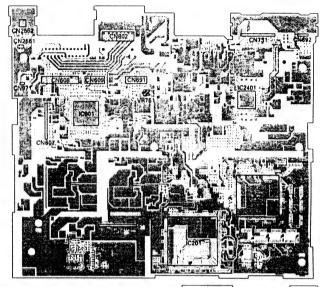


6.3 CC UNIT ADJUSTMENT

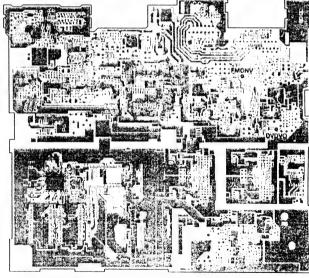


Adjustment point

CC UNIT(SIDE A)



CC UNIT(SIDE B)



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AVIC-N2/XU/UC

213

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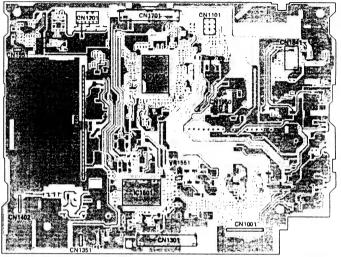
VR751 1.50 ± 0.05Vp-p Measure between the sync tip and 100IRE (top level). Measuring point: FMONV Main video level

6.4 MOTHER PCB ADJUSTMENT

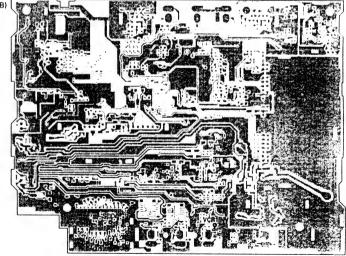


Adjustment point

MOTHER PCB(SIDE A)



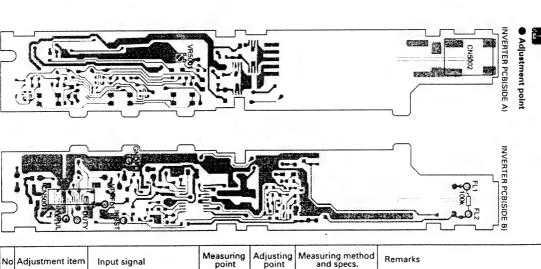
MOTHER PCB(SIDE B)



AVIC-NZXU/UC

Input (input test pin,specs, other conditions) Output (measuring point, waveform) Measuring instruments Adjusting point Adjustment item Mode Specs Step 1.00 ± 0.05Vp-p Measure between the sync tip and 100IRE (top level). Input test pin : VCR1INV Signal : 100IRE(white 100%) Level : 1.0Vp-p(via 75Ω) Measuring point: SELV Composite video level Oscilloscope VR1551 VTR J. Measuring conditions: Select the 75th terminal on the measuring instrument.

(1) The Video level (Vlevel) is out of spec. When the Vlevel is more than 1.05Vp-p, the images become whitish. When the Vlevel is less than 0.95Vp-p, the images become blackish.



No	Adjustment item	Input signal	Measuring point	Adjusting point	Measuring method and specs.	Remarks
1	BACK LIGHT DRIVE FREQUENCY	Apply 14.4V ± 0.2V to TP VPPFL1 TP GNDFL1, TP INVPUL, TP DUTY and TP INBST : GND	TP:FL1.FL2	VR 5001	48.0 ± 0.1kHz	100k ohms is connected between TP FL1 and TP FL2. It acts as the monitor of the waveform after potential. Don't acts as the monitor of the TP FL2 directly. (there is a possibility that a measuring instrument may be destroyed, for high voltage.) Out of spec., when frequency change of following may become impossible.
2	FREQUENCY CHANGE CHECK	Apply wave of 98.0 ± 1kHz to TP INVPUL 5V 0V	TP:FL1.FL2		49.0 ± 0.5kHz	It checks that the waveform after potential is s to 49 kHz
3	FREQUENCY CHANGE CHECK	Apply wave of 104.0 ± 1kHz to TP INVPUL 5V 0V	TP:FL1.FL2		52.0 ± 0.5kHz	It checks that the waveform after potential is s to 52 kHz

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AVIC-NZXU/UC--X

217

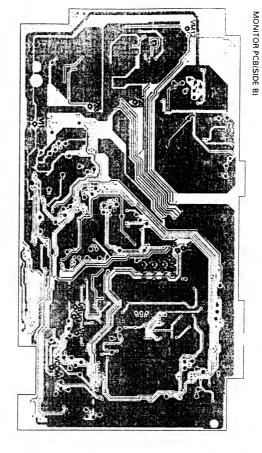
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Adjustment point



Notes: When the power supply for TC90A64AF-P (IC4001) is OFF, be careful not to apply any voltage to its terminals except for IIC lines(SDA and SCL). The IIC lines can accept a maximum of 5V.

No	Adjustment item	Input	Measuring point	Adjusting point	Measuring method and specs.	Remarks
1	3.3V power supply verification	Apply 14.4V to TP VI1.	(TP V33)	_	V33 = 3.3V ± 0.3V	
2	2.5V power supply verification	Apply 14.4V to TP VI1.	(TP V25)	_	V25 = 2.5V ± 0.2V	
3	5V power supply verification	Apply 14.4V to TP VI1.	(TP V5)	-	V5 = 5.0V ± 0.3V	
4	8V power supply verification	Apply 14.4V to TP VI1.	(TP V8)	_	V8 = 8.0V ± 0.6V	
5	18.5V power supply verification	Apply 14.4V to TP VI1.	(TP V18)	_	V18 = 18.5V ± 0.8V	
6	-12V power supply verification	Apply 14.4V to TP VI1.	(TP VM12)	_	VM12 = -12.0V ± 0.6V	

Notes:
When the power supply for TC90A64AF-P is OFF, be careful not to apply any voltage to its terminals except for IIC lines(SDA and SCL). The IIC lines can accept a maximum of 5V.

2) In the following table, SA**h is a sub-address of TC90A64AF-P.

No	Adjustment item	Input	Measuring point	Adjusting point	Measuring method and specs.	Remarks
7	Vcom amp output Voltage waveform Verification	Any input signal	TP VCOM	_	4.50V ± 0.20V	
8	Input waveform verification (RGB)	Apply a white 100% signal toTP AVR,ANG. ANB.	TP ANR,ANG, ANB	-	0.70V ± 0.02V	The signal generator should be used via 75 ohms. (specs in desinging : 75.0 ± 0.2ohms)
9	Input waveform verification (composite)	Apply a white 100% signal toTP CVBS.	TP CVBS	_	1.50V ± 0.04V	The signal generator should be used via75 ohms.
10	RGB amp output voltage waveform verification	Apply a black signal to TP ANR,ANG,ANB. (Video level:0%)	TP VG	-	3.9V ± 0.2V	The input signal has no setup. (Apply a black signal to TP CVBS)
11	Gamma 0 Verification	Apply a 10-step signal to TP ANR,ANG,ANB.	TP VG	_	The first-step A = 0.50V ± 0.10V	The input 10-step signal has no setup.
12	Gamma 2 verification	Apply a 10-step signal to TP ANR,ANG,ANB.	TP VG	_	The 10-step A = 3.10V ± 0.15V	The input 10-step signal has no setup. If the measured value is out of specs, change the setting of5A2+b D11-8 (y2 inflection point: GAMMA2 in the line adjustment 1 mode) (Register setting specs: 4 ± 1)

Notes:
1) When the power supply for TC90A64AF-P is OFF, be careful not to apply any voltage to its terminals except for IIC lines(SDA and SCL). The IIC lines can accept a maximum of 5V.
2) In the following table, SA**h is a sub-address of TC90A64AF-P.

No	Adjustment item	Input	Measuring point	Adjusting point	Measuring method and specs.	Remarks
13	B SUB BRIGHT	Apply a 10-step signal to TP ANR,ANG, ANB.	TP VG and VB	Register setting of SA39h D11 - 8	Adjust the first step levels of the G waveform and the B waveform.	Register setting specs : 8 ± 2 (specs in designing: 8 ± 1) In the Line adjustment 2 mode, SUB BRI B can be used as the adjusting point.
14	B SUB CONTRAST	Apply a 10-step signal to TP ANR,ANG, ANB.	TP VG and VB	Register setting of SA26h D7 - 1	Adjust the 10th step levels of the G waveform and the B waveform.	Register setting specs: 64 ± 3 (specs in designing: 64 ± 2) In the Line adjustment 2 mode, SUB CON B can be used as the adjusting point.
15	R SUB BRIGHT	Apply a 10-step signal to TP ANR,ANG, ANB.	TP VG and VR	Register setting of SA39h D15 - 12	Adjust the first step levels of the G wave form and the R waveform.(Measuring point is the same as that of No, 13.)	Register setting specs: 8 ± 2 (specs in designing: 8 ± 1) In the Line adjustment 2 mode, SUB BRI R can be used as the adjusting point.
16	R SUB CONTRAST	Apply a 10-step signal to TP ANR,ANG, ANB.	TP VG and VR	Register setting of SA26h D15 - 9	Adjust the 10th step levels of the G waveform and the R waveform.(Measuring point is the same as that of No,14.)	Register setting specs: 64 ± 3 (specs in designing: 64 ± 2) In the Line addustment 2 mode, SUB CON R can be used as the adjusting point.
17	Horizon dot position	Any input signal	_	Register setting of SA2Ah D3 - 0	5(0101)	After being written in, the setting value of EEP-ROM is checked. 2 mode, DOT CLK can be used as the adjusting point.
18	Aging	Any input signal	_	_	Keep the unit in the operation mode for 30 minutes or longer.	Block light lighting. An animation is displayed.
19	Flicker	Input a signal for alternate white and black lines to TP ANR, TP ANG and TP ANB,	Screen	Register setting of SA22h D15 - 8	Adjust so that the flickers become minimum in all	If it input a signal for alternate white into TP CVBS, it is possible. (However, adjustment by RGB has priority.) The luminance level of the input signal: 50%, in the flicker adjustment mode, COM DC can be used as the adjusting point.

Flicker adjustment has been deviated The images flicker.

©EEPROM setting mode

*) Since this product does not have OSD IC, OSD for adjustment is displayed by using GGF1416 and GGF1463 at the time of monitor adjustment. As you will find lands for 14 pins with 0.8mm pitch at the left top part of the monitor board, directly solder a flexible PCB of GGD1323 for adjustment. As GGD1322 is not used, be careful not to short the terminal.

[Operations]

To enter the setting mode, while keeping the EPRTEST terminal at "Low".

turn reset the monitor micro computer. While pressing the [REAR] and [EQ] Kyes at the same time, reset.

Flicker adjustment mode Line adjustment 1 mode

Line adjustment 2 mode

Dimmer parameter setting mode

[\uparrow] button: Used to select a desired adjustment item in each mode

[\longleftrightarrow] button: Used to adjust the selected item

Notes:

1) The setting values are written in the EEPROM and then the read-out data is displayed on the screen.

WRITE and READ operations are processed by the block data of 16 bits. The total bits for the settings depend on adjusting items.

2) For CS (Check Sum) items, when the settings are changed, the CS value is written in 8 bits by applying the exclusive OR (XOR). The CS value is first written in the EEPROM and then the read-out data is displayed. If the written data is different from the read-out data, the letter color for the read-out data is changed.

● Memory items and addresses on the EEPROM(S-93C46BR0I-J8T1)

EEPROM address	B#15	Bit14	Bit13	Bit12	Bit11	Bit 10	Bit9	Bit8	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	В
00H		Dimmer external light threshold (high)				Dimmer external light threshold (lov				low)						
01H			Backlig	nt output	(upper l	limit)					Bac	klight out	put (low	ver limit)		_
D2H		Comr	non rever	se outpi SA:22h	t center	COM DO	2)		Comr	non res	erve outpi	it ampliti 22h[B7-2	ude (CO)	M AMP)	100	1
03H	Pag Sy				ut clamp	DC (RGI 23h(B13			, ,,,,,,,,					flection p	oint (GA :23h(B3 (MA
04H	y 3 infk	P SA:24	int (GAM	1	/ 2 int	PIP SA:	oint (GA	MMA 2)	Y	inflecti	on point (GAMMA	1)		2311(83	4.2
05H		(Output su	b contra	st R (SUE	CON R)		West Store			utput sub		B (SUB	CON B)	NAME OF THE OWNER.	den M
06H	Sub Iwig	nness R af	ter y circuit 39H/B15-12	SUB BRI A	Sub brigi	htness B aft	er g circui 391(811-8	(SUB BRIB	6	, m	and the second		Sid of	is etta	7.3-7-	Į.
07H		-	7.75	6.50	100	1.12					The state		Clock p	hase adju	ustment (:2Ah(B3-0	00
08H				3.4							ing.		11 10	Sharpness	ISHARPNESS OSNB2-11	
09H-1BH	2														Street of	4
1CH							Che	ck sum ad	dress (0	0h-1bh)		A HOY HAIR SEA		KN JA	334	4:
1DH	j:-27	· Park to	357.	- 79	* 1	- 44-	~~~			Çençarja	Cagranan	resetse r	n-toot c	enterp.	Lapon 15%	
1EH	1												Same F			
15H	j												e Barana			
		-	vternal li	ht of dir	nmer ad	ustment	(H)				Back ligh	t of dimr	ner adju	stment(l	4)	
20H		E				External light of dimmer adjustment(M)				Back light of dimmer adjustment(M)						
20H 21H					nmer adj	ustment(M)				Back ligh	t of dimn	ner adju	stment(A		_

EEPROM initial value

Item	Meaning	initial value(hex)	initial value(DEC)
COM_DC	Common reverse output center	8C	140
COM_AMP	Common reverse output amplitude	1E	30
RGB_BIAS	Out clamp DC	00	00
GAMMA0	γο	02	02
GAMMA3	γ3	04	04
GAMMA2	γ2	04	04
GAMMA1	γ1	13	19
SUB_CON_R	Output sub contrast R	40	64
SUB_CON_B	Output sub contrast B	40	64
SUB_BRI_R	Sub brightness R after y circuit	08	08
SUB_BRI_B	Sub brightness B after y circuit	08	08
DOT_CLK	Clock phase adjustment	05	05
SHARPNESS	Sharpness	03	03
BL_MAX	Back light output (Max.)	C4	196
BL_MIN	Back light output (Min.)	5B	91
REF_HIGH	Dimmer (H)	CO	192
REF_LOW	Dimmer (L)	60	96
LUM_HIGH	External light (H)	E2	226
LUM_MID	External light (M)	87	135
LUM_LOW	External light (L)	52	82
BL_HIGH	Back light (H)	C4	196
BL_MID	Back light (M)	C4	196
BL_LOW	Back light (L)	68	104

[Displays in each mode]

In the following figures, the letters and numbers surrounded by a large square are for OSD examples.

On the screen, the adjustment names and the settings (or written data) are listed.

The settings (or written data) will change when some adjustments are made in each mode.

* The following examples show the maximum values.

(1) Flicker adjustment mode

		Adjustable name	Settings or written data (DEC)	
Common reverse output center	[0 - 255]	COM DC	255	
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222

AVIC-N2/XU/UC

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(2) Line adjustment 1 mode

Adjustment item	Adjustment range	Adjustable name	Settings or written data (DEC)		
Bright (SA22: B7-2)	[0 - 63]	BRIGHT	63		LINE1
Contrast (SA25: B7-1)	[0 - 127]	CONTRAST	127		
Common reverse output center	[0-255]	COM DC	255		
Common reverse output amplitude	[0-63]	COM AMP	63		
Output clamp DC	[0-63]	RGB BIAS	63		
Y0 inflection point	[0-15]	GAMMA0	15		
γ3 inflection point	[0-15]	GAMMA3	15		
y 2 inflection point	[0-15]	GAMMA2	15		
71 inflection point	[0-31]	GAMMA1	31		
!				cs	FF

The CONTRAST data is adjustable, and used as reference data for other adjustment items, which is not memorized in the EEPROM.

2) BRIGHT and COM AMP data

The BRIGHT and COM AMP adjustments are made by using the same 2-screen IC register(SA22h B7-2: common reverse output amplitude).

Therefore, adjusting one of the data will change the other one.

(3) Line adjustment 2 mode

Adjustment range	Adjustable name	Settings or written data (DEC)		
[0 - 63]	BRIGHT	63		LINE2
[0 - 127]	CONTRAST	127		
[0 - 127]	SUB CON R	127		
[0 - 127]	SUB CON B	127		
[0 - 15]	SUB BRI R	15		,
[0 - 15]	SUB BRI B	15		
[0 - 15]	DOT CLK	15		
[0 - 3]	SHARPNESS	3		
				· · · · · · · · · · · · · · · · · · ·
			CS	FF
	[0 - 63] [0 - 127] [0 - 127] [0 - 127] [0 - 15] [0 - 15] [0 - 15]	Adjustable name (0 - 63) BRIGHT (0 - 127) CONTRAST (0 - 127) SUB CON R (0 - 127) SUB CON B (0 - 15) SUB BRI R (0 - 15) SUB BRI B (0 - 15) SUB BRI B (0 - 15) SUB BRI B (0 - 15) SUB CON CK	Pange Adjustable name Writing data	Fange

Notes:

1) CONTRAST data

The CONTRAST data is adjustable, and used as reference data for other adjustment items, which is not memorized in the EEPROM.

2) SUB BRI R and SUB BRI B data

The displayed value or EEPROM written data is different from the setting value for the 2-screen IC register (IC4001 : TC90A64AF-P).

(Before displayed on the screen, the setting value is converted via some software.)

Displayed value (adjusting value) (DEC)	E2PROM written value. (DEC)	2-screen IC register setting (BIN)	
15	15	0111	(MAX)
14	14	0110	
•	•	•	1
•	1 • 1	•	1
9	9	0001	1
8	8	0000	(TIP)
7	7	1111	
•	•	•	
		•	1
1	1	1001	
0	0	1000	(MIN)

(4) Dimmer parameter setting mode

Adjustment item	Adjustment range	Adjustable name	Settings or written data (DEC)		
Backlight output (MAX)	[0 - 255]	BL MAX	FF		DIMMER
Backlight output(MIN)	[0 - 255]	BL MIN	FF		
Dimmer threshold (high)	[0 - 255]	REF H	FF		
Dimmer threshold (low)	[0 - 255]	REF L	FF		
External light point (high)	[0 - 255]	LUM H	FF		
External light point (middle)	[0 - 255]	LUM M	FF		
External light point (low)	[0 - 255]	LUM L	FF		
Backlight point (high)	[0 - 255]	BL H	FF		
Backlight point (middle)	[0 - 255]	BL M	FF		
Backlight point (low)	[0 - 255]	BL L	FF	CS	FF

The dimmer point data is memorized in the EEPROM, but not treated as a CS item.

It's because the settings are adjustable by the user.

● Dot Clock Adjustment Mode

[Operations]

• [Dot Clock adjustment mode] starting procedure
Reset start while pressing the [ENT] and [ANGLE+] Keys together.

- · [Dot Clock adjustment mode] cancellation Monitor's microcomputer OFF.
- · The operation after this should use Navigation's remote controller.
- · [11] button: Used to select a desired adjustment item in each mode.
- · (-) button : Used to adjust the selected item.

[EEPROM: S-93C46BR0I-J8T1]

The setting values are written in the EEPROM and then the read-out data is displayed on the screen. WRITE and READ operations are processed by the block data of 16 bits.

[Display]

In the following figures,a large square are for OSD examples.

Dot Clock adjustment mode

Adjustment item	Adjustment range	Adjustable name	Settings or written data (DEC)		
Clock phase adjustment	[0 - 15]	DOT CLK	15		
Clock phase adjustment (initial)	[0 - 15]	[FACTORY	8)	
Common reverse output center	[0-255]	COM DC	255		
Common reverse output center adjustment (initial)	[0-255]	[FACTORY	140	1	

^{*} CS(Check Sum)display is not performed.

● To operate the Monitor Assy only

Setting of the TP1(EPRTEST), TP2(TESTAGE) and TP3(TOUCHTS) in single operation mode is as follows.

TP2	TP3	TP1	Contents
L	Н	Н	For aging (See p.221.)
L	-	L	EEPROM setting mode (See p.222.)
L	L	Н	Touch panel test mode (See p.231.)

H: Not connect

L: Connect to the ground

Contents of single operation mode

(For aging) MVIPW

С

MVIPW : ON MFLPW : ON DIMMER : 5V (FFH) BRIGHT : ± 0 CONTRAST : ± 0 WIDE MODE : Full size

[EEPROM setting mode]

MVIPW : ON

MFLPW : ON

DIMMER : The calculated value from coordinates of EEPROM data

BRIGHT : ±0
CONTRAST : ±0
WIDE MODE : Full size

[Touch panel test mode] MVIPW : ON

MFLPW : ON

DIMMER : The calculated value from coordinates of EEPROM data

BRIGHT : ±0
CONTRAST : ±0
WIDE MODE : Full size

6.7 TEST MODE

NAVIGATION TEST MODE

- 1. How to start the test mode
- 1. When +Battery and ACC are ON, push RESET and EJECT buttons simultaneously.
- 2. Release RESET button only.
- 3. When "password entry screen" is displayed, release EJECT button.
- 4. Enter the password.
- 5. When the password has been entered, press [ENTER] key.
- 6. If the correct password has been entered, the test mode menu will be displayed.
- * The password entry screen, as the one used in the previous model, is no longer displayed.

<< Password for the service >>

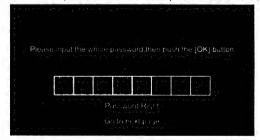
The password is $[\uparrow(up)] \rightarrow [\uparrow(up)] \rightarrow [\downarrow(down)] \rightarrow [\downarrow(down)] \rightarrow [ENTER].$

If 8 digits or more are entered and [ENTER] key is pressed, it will be treated as a password error.

· Password entry screen



• Password OK: After 2 seconds or so, the screen will automatically move on to the menu screen.



· Password NG: Nothing will be displayed, and reboot action will be taken.

D

2. Test mode menu



No.	Inspection item	Outline of inspection	Content if inspection
1	Remocon touch	Remote controller touch	Calibration setting and remote controller
	panel test	panel inspection	inspection are performed.
2	Version check	Version information	Display of various version information.
		check	(system software, GPS, system
			microprocessor, microprocessor for
			mechanism control, microprocessor for
		1	timer).
			The screen will return to "menu" by BACK
		1	key.
3	ERROR log	Error history entry	History of system software errors stored in
			SRAM is displayed.
			Maximum 8 events from the error last
		1	occurred can be displayed.
			The screen will return to "menu" by BACK
			key.
4	Format FLASH drive	FLASH format	FLASH domain used by the system soft is
			initialized.
			When the job is done, the screen will return
5	Erase APL-file in		to "menu".
2	FLASH	Application file inside	Application file inside FLASH is clear.
	FLASH	FLASH is clear	*(Except voice data and SRAM backup
			variable) When the job is done, the screen will return
			to "menu".
6	Clear backup	Back up variables	SRAM domain used by the system software
ľ	memory	initialization	is initialized.
	1116111017	IIIII III III III III III III III III	When the job is done, reboot action will be
İ			taken.
7	GPS backup data	GPS back up data clear	SRAM domain used by GPS is initialized.
ĺ .	clear	G. S SSS. Sp data cical	When the job is done, the screen will return
			to "menu".
8	GYRO SENSOR	Learned data inside gyro	Learned data inside gyro sensor is cleared.
	INFO data clear	sensor is clear	When the job is done, the screen will return
			to "menu".
9	Port status	Port status display	Port status is displayed. (reverse, parking,
	information		pulse, SDRAM capacity.)
L			1

TESTMODE MENU ISERVICE MENUTHICHNICAL)

1 Chan je to degeny error (Message)
2 Start when debag shed (Or)
3 Program locating (Version up)
4 GPS spessored to 5 Fixe maintenance to Program forced with

No.		Outline of inspection	Content if inspect				
1	Change to Switching of error		Display setting for error cases. (for debugging)				
	display error	information display	Message/Informat	ion (error inform	ation) selectable.		
2	Start within	Switching of debug	Setting for debug shell start. (for debugging)				
	debug shell	shell start	Off (no initial start)/On (initial start) selectable.		
			Recognition meth	od for boot up pi	rogram write is		
			changed.	• •	•		
				System	Write when the version		
		ŀ		program	No. in the disc is		
			1		higher.		
		1		System data	Write when the version		
				'	No. in the disc is		
	}		Disc version		higher.		
			(default)	GPS program	Write when the version		
	1				No. in the disc is		
		1			higher.		
		1	1	Application	Write when the version		
3	Program loading	Switching of program		program	information is different		
		loading			from the one in disc.		
	}			System	Write when the version		
				program	No. in disc or card is		
					higher.		
	1			System data	Write when the version		
					No. in disc or card is		
			Version upgrade (for debug)		higher.		
				GPS program	Write when the version		
	1				No. in disc or card is		
					higher.		
	1			Application	Write when the version		
				program	No. in disc or card is		
				1	higher.		
4	GPS	GPS assessment system			sed. The system will		
	assessment	start	return to "menu"				
5	File	File maintenance			nade. Formatting of		
	maintenance	function			sh Card) are made.		
			SRAM data is retr				
					SRAM from PC card.		
6	Program forced	Program forced write	Rewriting of SYS				
	write		(application) soft				
				The system will	return to "menu" by		
	1	1	BACK key.				

- AAIGHANAING

S AVIC-N2/XU/UC



No.	Inspection item	Outline of inspection	Content if inspection
1	SRAM/SDRAM test	Memory inspection	SRAM: Device inspection and bus inspection are performed against all SRAM domains. Data will be protected. (applicable to both 32M and 64M) SDRAM: Device inspection and bus inspection are performed against all SDRAM domains. Data will be protected for both BIOS domain and USER domain. The function for SDRAM all domain inspection will activate by the built-in instruction RAM.
2	SENSOR test	Sensor inspection	G sensor, gyro, power supply voltage and installation condition are displayed. The system will return to "menu" by BACK key.
3	CD-ROM reading test	CD-ROM read test	Inspection for reading by CD-ROM drive is performed.
4	RGB test	Image RGB inspection	RGB inspection (Upper half, 8 colors. Black/blue/red/pink/green/light blue/yellow/white display. Lower half, 3 colors. Red/green/blue.) → red (FULL)→ green (FULL)→ blue (FULL)→ Switching can be made by [→] and [→] keys. The system will return to "menu" by BACK key.
5	MS3 check	MS3 check (V+R)	MS3 mechanism test mode inspection.
6	Region code	Region code display	Region code display.

3. How to select test mode menu

Select a desired menu by [†] and [‡] keys, and execute by pressing [ENTER] key. Pages can be changed by [←] and [→] keys.

4. Version information

Version No. for BOOT section = X.XX System software does not exist in SDRAM. Version No. for BOOT section = X.XX Version No. for SDRAM = Y.YY

AVIC-N2/XU/UC

Remocon touch panel test

- · How to operate the touch panel test mode is described below.
- First, "1. Setup touch-panel effective range" in the touch panel test menu is made.
- Next, "3. Test Touch-panel", and if the result is OK, then EXIT the screen.
- . If the result is NG, conduct "2, Setup calibration", and conduct "3, Test Touch-panel" once again, if the result is OK, then EXIT the screen.
- Furthermore, details of the misalignment can be verified by the "5. Check Touch-panel compensation".
- *) When inspecting the touch panel, use something thin with a round tip such as the touch pen. Furthermore, do not apply excessive force to the touch panel.

Main Menu



"*" mark shown on the left side of menu item "1" indicates that the setting has been completed. The setting items where "*" is actually indicated will be "1. Setup ~" and "2. Setup ~" only.

Enter

[UP/DOWN] Selection of the inspection item

[BACK] Return (to the test mode menu)

1. Setup touch-panel effective range

Adjustment steps

- 1) Trace the edge of the screen along the monitor resin frame with a round-headed thing to obtain the coordinates.
- 2) Press the [BACK] key.

Explanation of the displays

min_x(A,B): X coordinate of the touch panel • minimum value received max_x(A,B): X coordinate of the touch panel • maximum value received min_y(A,B): Y coordinate of the touch panel • minimum value received max_y(A,B): Y coordinate of the touch panel • maximum value received

- A = A coordinate which is already stored in the SRAM (If there is no previous data in the SRAM, "min=90, max=180" will be displayed).
- B = An updated coordinate which is planned to be set in the SRAM this time (If there is no previous data in the SRAM, "min-90, max-180" will be displayed).
- [BACK]: The preset effective range is registered, and the screen will return to the remote controller inspection menu. The data of the effective range will be recorded in the SRAM.

In case the compensation value is not preset in the SRAM, the following initial (default) value will be entered automatically at the time of navigation system boot up.

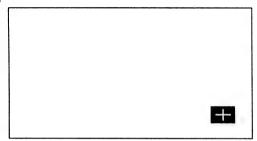
min x = 42 (right edge limit value)

max_x = 246 (left edge limit value)

min v = 49 (bottom edge limit value)

max_y = 238 (top edge limit value)

2. Setup calibration



Explanation

- A [+] cursor is displayed at 16 locations on the screen for calibration. Finally, verification of a single point is made. The cursor is always displayed at one location only, and moves on to the next location as the current one is correctly pressed.
- . When pressing on the [+] cursor, make sure to press at the center of "+".
- . The result of calibration will be recorded in the SRAM.
- If effective operation is not made for 30 seconds, the system will recognize as "erroneous end" and stops the calibration.

3. Test Touch-panel



Explanation on touch panel misalignment verification test.

1) The test is intended to verify if the touched point on the touch panel is correctly recognized or not.

(+) cursor will be displayed at 16 locations on the screen.

The cursor will be displayed in "white color" only one at a time.

Each time the cursor is touched correctly, the next point will be displayed.

On the other hand, if it is recognized that the point touched was ±4 dots vertically and ±5 dots horizontally away from the center of the displayed [+] cursor, the erroneously recognized coordinate [+] will be drawn

2) When touching the [+] cursor, touch the center of the + mark correctly.

3) If [BACK] is touched, the test will be finished, and the screen will return to the menu screen of the touch panel

If this test turns out to be NG, it will be necessary to redo "1. Setup touch-panel effective range" and "2. Setup calibration". Repeat the above steps once again.

4. Check now calibration codition



Explanation on the setting status of the calibration compensation value.

The current calibration compensation status is displayed.

The following data will be displayed.

"With no calibration value" (in white characters)

In case the compensation value does not exist in the SRAM.

"The effective range value is stored"

In case the compensation value for the upper limit and the lower limit are preset in the SRAM.

"The calibration compensation value is stored"

In case the calibration compensation values for the 16 points are preset in the SRAM.

"The effective range & calibration value is stored."

In case the upper limit and the lower limit values and the 16 points calibration values are preset in the SRAM. "The initial value is substituted."

In case the value stored as the initial (default) value is preset in the SRAM.

"Error Condition"

In case the SRAM value is demolished or some unexpected situation is happening.

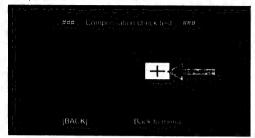
AVIC-N2XUUC

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n

5. Check Touch-panel compensation

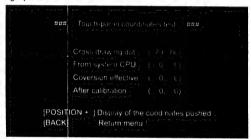


[BACK]: The system will return to the remote controller inspection menu.

Explanation of the inspection details

- Regarding this inspection, the title only will be displayed at the initialized stage.
- As shown by the arrow, press any desired location on the monitor.
- A coordinate after the calibration correction will be displayed by the [+] mark against the coordinate recognized
 as pressed.

6. Check Touch-panel graphics



[NAVI] + pressing the touch panel: The coordinate of the touch panel at that time will be displayed.

- [†]: Horizontal line will move upward.
- [1]: Horizontal line will move downward.
- [+]: Vertical line will move to the left.
- [→]: Vertical line will move to the right.

[BACK]: The system will return to the remote controller inspection menu.

Explanation of the displayed coordinate (from top to bottom)

- (79, 80): Coordinate of the crossing point by the vertical and the horizontal lines (X direction, Y direction). [(0-500, 0-240)]
- (0, 0): AD data value (X direction, Y direction) representing the coordinate of the pressed location received from the system control microprocessor.
- (0, 0): Coordinate (X direction, Y direction) obtained by normalizing the AD data value of the pressed location within the effective range.
- (0, 0): Coordinate (X direction, Y direction) obtained by adding the correction based on calibration to the normalized coordinate.

7. Check Touch-panel navi coordinate



[BACK] + pressing the touch panel will make the system return to the remote controller inspection menu.

Explanation of the displayed content.

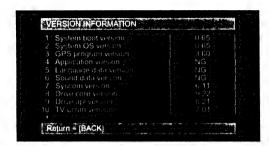
panel x_before: X coordinate normalized (expanded) within the effective range, panel y_before: Y coordinate normalized (expanded) within the effective range, panel x_after: X coordinate obtained by adding the correction based on calibration, panel y_after: Y coordinate obtained by adding the correction based on calibration.

234

AVIC-N2/XU/UC

AVIC N2XU/UC: IS

Version check



	Nem	content	information	Nename
		Version information of the system software	" -> Version information of the system software BOOT	EW040BOT GBR
,	System boot version	BOOT section (FLASH) is displayed	section	UC040BOT GBR
_			** ** -> Version information of the system software OS	EW040SYS XXX
1		Version information of the system software OS	section	(HAK : GBR, DEU, FRA, ITA, NLD, ESP, SWE, DNK)
2	System OS version	and then (\$1 &Chic to discharge)		UC040DAT WY
1		and (Colon) a superjou	NG -> System program duesn't exist	(WW USA, FHA: LSP)
-	GPS program	Version information of the GPS program	** ** -> Version information of the GPS program	EW040GP3 PRG
3	rerakso	(DRAGON) is displayed	NG -> GPS program doesn't exist.	UC040SYS PRG
-		Version information of the application program	"." -> Version information of the application program	
4	Application version	(FLASH) is displayed.	NG -> Application program doesn't exist.	EU040APL PRG
_			"" -> Version information of the language data	EW040DAT xxx
1	Language data version	Version information of the language data (FLASH) is displayed.	Yer and I should also for the language case	(XXX : GBR. DEU, FRA. ITA. NLD. ESP. SWE. DNK)
5			NG -> Language date doesn't exist.	UCO40DAT W
				(WY: USA, FRA, ESP)
-			** ** -> Version information of the sound data	EW040SOF xxx
		Version information of the sound data (FLASH) is displayed	Version visormation of the sound data	(KKK : GBR. DEU. FRA. ITA. NLD. ESP. SWE. DNK.
١.	Sound data version			BEL)
1 -	SOUTH CARA VERSION		NG -> Sound data doesn't exist.	UC0408DF wy
ı				(vw USA, FRA, ESP)
		Version information of the system microprocessor is displayed.	** ** -> Version information of the system microprocessor	100
1			NG -> Communication with the system microprocessor has	1
l			not been established.	
			. -> Core version information of the microprocessor for	
1		Core version information of the microprocessor	mechanism control	
	Orive core version	for mechanism control is displayed (V+R)	NG -> Communication with the microprocessor for	1
l			mechanism control has not been established.	
_			NON -> ROM only mechanism	
1	Drive api version	Application version information of the microprocessor for mechanism control is displayed (V+R)	** -> Application version information of the	
Ι.			microprocessor for mechanism control	4
1 *			NG -> Communication with the microprocessor for	i
i			mechanism control has not been established.	4
-			NON -> ROM only mechanism	
l	IV com remon	TV is displayed	** ** -> Version information of the microprocessor for TV	4
1 10			NG -> Communication with the microprocessor for TV has	
} - <i>-</i>			not been established. **** -> Version information of the microprocessor for	
1	Munitur ucom	Version information of the microprocessor for	Monitor	1
111	recessor	Munifor is displayed	NG -> Communication with the microprocessor for Monitor	
		manus a dispayed	has not been established.	
T			** ** -> System language program file name	EW0403YS xxx
1	System language	System language file in the system program		(XXX : GBR. DEU. FRA. HA. NLD. ESP. SWE. DNK.
12				BEL)
1			NG -> System language data doesn't exist.	UC040SYS yyy
L-				(my : USA, FRA, ESP)
1			"." -> Application language data file name	EW0400AT.xxx
١.				(xxx : GBR, DEU, FRA, ITA, NLD, ESP, SWE, DNK,
13				BEL)
			NG -> Application language data doesn't exist.	UC040DAT.yyy
-				(yyy: USA, FRA, ESP)
	Sound data language		"." -> Language sound data file name	EW040SDF xxx
				(xxx : GBR, DEU, FRA, ITA, NLD, ESP, SWE, DNK.
1 14		Language sound data file (FLASH) is displayed	NG -> Language sound data doesn't exist.	BELL
1				UC040SDF.yyy
1	1		1	(YYY : USA, FRA, ESP)

■ Error Information

1. Error Information

Descriptions of error information, for errors arising from system software problems, will be provided in this section.

Up to eight sets of information, related to the system software's errors, will be stored in the SRAM.

By executing hi_sysdwn() the line number (on which the error occurred), the error code and detailed information of the error, will be stored in the error log.

Hi_sysdwn() will be executed in the following two circumstances:

- 1. hi_sysdwn() will be intentionally stored if fatal errors occur with each BIOS.
- 2. If multiple exceptions, fatal exceptions, illegal command codes and trap command errors occur.

2. Error Log's Entry Function

Up to twenty-four sets of information, related to errors starting with the latest error, will be displayed by the error log entry function.

There are two types of error log displays.

The display will vary when the argument provided to hi_sysdwn(), depending on whether detailed information (such as program name, version number, creation date, creation time and creator name) exists or not.

1. When detailed information exists:

```
FIRE 100000028(40)

FILE 100 00000028(40)

FILE 100 0000001(4)

VERS 1.1.1.1

DATE 2003 08 08

TIME 06 07:26

AUTH datsuke

ERROR TIME 1111 If If If If

No.4 ← ERROR No.3 → No.2

Stop when push [BACK] button.
```

ERCD	Error code.
FILE	Error occurring program name.
LINE	Error occurring program line number.
VERS	Error occurring program version number.
DATE	Error occurring program creation date.
TIME	Error occurring program creation time.
AUTH	Error occurring program creator name.
ERROR-TIME	Error occurrence date and time.

236

ESTAMOS NO XULUE OS A

SERVIG-NUKUUC 1

SENSOR test



G-SENSOR	Display of G sensor	voltage			
GYRO	Display of gyro voltage				
POWER	Display of power supply voltage				
FIT UP	Display of installation status				
	Display	Status			
	• NG	Installation position is NG.			
	• OK	Installation position is OK. (3rd best)			
	OK (Better)	Installation position is OK. (2nd best)			
	• OK (Best)	Installation position is OK. (Best)			
DISTANCE	Display of distance calculation status.				
	Display	Status			
	• INITIALIZE	Sensor initial learning is under way.			
	• GPS	GPS distance. (Model without G sensor.			
		No pulse connection.)			
	• G-SENSOR	G sensor distance. (simple hybrid.)			
	• ND-PG1	ND-PG1 distance.			
	SPEED PULSE	Vehicle speed pulse distance.			
LOW SPEED	Display of minimum output speed of a low speed NG vehicle.				
	(Depends on DISTANCE status.)				
	DISTANCE status	SPEED PULSE status	Display		
1	SPEED PULSE	Low vehicle speed pulse	CHECK		
ĺ		learning is under way.			
		Low vehicle speed pulse is	OK		
		OK.			
		Low vehicle speed is NG.	NG xx[km/h]		
	Others				

DVD Test Modes

CAUTIONS

Protection is not operational against a mechanical runaway conditions during servo testing.

Critical damage can result if the system is allowed to continue in a mechanical runaway state.

If abnormal noise is heard during the test, turn the power OFF immediately.

Keys used for the DVD test mode [OK]: Selection decided. [BACK]: Go back. Directional keys: [↑ ↓ ← →] keys

[MS3 X-3016 Test]

```
IMS3 X-3016 Test]

Firm Ware Revision
Core Ver ** Apl Ver **

[1] FE TestMode
[2] EDC-1 mode
[3] EDC 2 mode
[4] MS3 Memory Clear Start

Press [OK] to make a selection
Press [BACK] to X-3016 Test top
```

Firm Ware Revision : Version of the drive used.

[1] Start the FE test mode.

EDC1 mode (available for DVDs only).

[3] EDC1 mode (available for DVDs only).

[4] Executes the MS3 memory cleaning operation.

[OK] Executes.

[BACK] Returns to the test mode menu.

1 - 2

AVIC NEXUUE

243

[X-3016 FE Test menu]

```
IX-3016 FE Test menul
[2] Disc tipe DVD 1-Liver
[3] Disc tipe: DVD 2-Layer
[5] Disc tipe , CD RW
[6] Disc Eject
Press [OK] to make a selection
```

Status: "Power Off (during normal conditions)."

- Power On (proceed to servo test 1-0).
- Disc type: DVD single-layer.
- Disc type: DVD double-layer.
- [4] Disc type : CD.
- Disc type : CD-RW.
- Ejects the Disc. [6]
- Executes.
- [BACK] Returns to the initial screen display for the test.

[X-3016 DVD Test]

```
IX 3016 DVD TestI FDC-1
    Layer. 0
    ID 6 20 03 0A 63
[1] Select Layer 0
[2] Select Layer 1:
[3] Disc Eject :
```

EDC-1: Performs consecutive EDC tests.

EDC-2 : Performs EDC tests for each block.

ID : Performs ID of the test.

- Select layer 0.
- [2] Select layer 1.
- [3] Ejects the Disc.
- [OK] Executes.
- [BACK] Returns to the test mode menu.

[X-3016 DVD Test]

```
[X-3016 DVD Test] EDC-1
[6] Disc Frect
```

EDC-1: Performs consecutive EDC tests.

EDC-2: Performs EDC tests for each block.

ID : Performs ID of the test.

- Moves the cursor to the right by one increment. [1]
- [2] Moves the cursor to the left by one increment.
- Moves the cursor up by one increment.
- [4] Moves the cursor down by one increment.
- [5] Starts the EDC test.
- Ejects the Disc.
- [OK] Executes.
- [BACK] Returns to the test mode menu.

[X-3016 DVD 1-Layer Servo. Test(1-0)]

```
[X-3016 DVD 1-Layer Servo.Test(1-0)]
Status : Power On C Data : 1000 0000
[5] (LD ON-ALD OFF ALD OFF-ALD ON)
AS Offset '0000 0000 ENV Offset | 0000 0000
TG Offset 0000 0000 | DBAL."
Press [BACK] to DVD 1
```

Test items are basically the same for both DVDs and CDs.

Status: "Power On (during normal conditions)."

- Closes in on the focus (proceed to servo test 2-0).
- Performs a focus search operation (S-curve measurement). Focus operation will then be stopped.
- Moves the carriage (external). The carriage transition operation will then be stopped. [3]
- [4] Moves the carriage (internal). The carriage transition operation will then be stopped.
- Performs LD-ON/OFF operation.
- Returns the carriage to the home position.
- [BACK] Returns to the DVD test menu screen display.
- * This operation will not be performed until the coefficient figures have been received.
- * Focus closing and searching will not operate unless the LD-ON setting is made to less than 9 seconds.

[X-3016 DVD 1-Laver Servo, Test(2-0)]

Test items are basically the same for both DVDs and CDs.

Status: "Focus Close (during normal conditions)."

- [1] Adjusts tracking balance (proceeds to servo test 3-0).
- [2] Performs a focus jump operation.
- [3] Moves the carriage (external). The carriage transition operation will then be stopped.
- [4] Moves the carriage (internal). The carriage transition operation will then be stopped.
- [BACK] Returns to the DVD test menu screen display.
- * This operation will not be performed until the coefficient figures have been received.

[X-3016 DVD 2-Layer Servo. Test(3-0)]

```
[X-3016 DVD 2-Layer Servo Test(3-0.]]
Status Focus Closed? Data : 3000 0000

[1] Tracking Close [2] CRG (Start Stop)

T Ball Layer (0) : 0000 0000
T Ball Layer (1) : 0000 0000
TE Normal Layer (1) : 0000 0000
TE Normal Layer (1) : 0000 0000
Press [OK] to make a selection
Press [BACK] to DVD 1
```

Test items are basically the same for both DVDs and CDs.

Status: "Focus Close 2 (during normal conditions)."

- [1] Performs tracking close operation (proceeds to servo test 4-0).
- [3] Moves the carriage (external). The carriage transition operation will then be stopped.
- [4] Moves the carriage (internal). The carriage transition operation will then be stopped.
- [BACK] Returns to the DVD test menu screen display.

[X-3016 DVD 2-Laver Servo, Test(4-0)]

```
[X 3016 DVD 2 Layer Servo Test(4 0)]
Status Tracking Closes — Data (4000 0000)

[1] Error Rata (1 105) 4 4 [2] Boat Speed x 1.3 CLV
[3] Irack Jump + [4] Irack Jump
[5] Focus Jump + [6] ID Search |
[7] Iracking Open ito Frace, Close |
FBalt0 0000 0000 + Gaint0 0000 0000 |
FBalt1 0000 0000 + Gaint1 0000 0000 |
TGaint0 0000 0000 + AS Normal(0) 0000 0000 |
Fess [0K] to make a selection
Press [0K] to make a selection
```

Test items are basically the same for both DVDs and CDs.

Status: "Tracking Close (during normal conditions)."

- [0K] triggers measurement of the error rates (other operations can not be performed for approximately 10 seconds.
- [2] [OK] triggers switching of the reproduction speed.
- [3] Performs track jumping by a designated number of tracks (external).
- [4] Performs track jumping by a designated number of tracks (internal).
- [5] Performs a focus jump operation (for DVDs only).
- [6] Designates an ID (for DVDs only).
- [7] Performs a tracking open operation (for the focus close status : will proceed to servo test 2-0).
- [BACK] Returns to the DVD test menu screen display.
- * This operation will not be performed until the coefficient figures have been received.

Reproduction speeds

L0-layer	DVD x 1.3CLV, CD x 2	4000 0000
L0-layer	DVD x 1CLV	4200 0000
L1-layer	DVD x 1.3CLV	4100 0000
L1-layer	DVD x 1CLV	4300 0000

[X-3016 DVD Servo. Test(4-3)]

```
[X-3016 DVD Servo Test(4-3)]
Status Tracking Closed Data 4x00 0000
[1] Track appointment
[2] Start Track Jumps
Press [OK] to make a selection
Press [BACK] to Back
```

Test items are basically the same for both DVDs and CDs.

Status: "Tracking Close (during normal conditions)."

- [1] Performs a track number designation (MS3 cyclically switches the available patterns).
- [2] Starts the tracking jump operation (will proceed to servo test 4-0).

6 SANGSVERVING PA

^{*} This operation will not be performed until the coefficient figures have been received.

[X-3016 DVD Servo, Test(4-6)]

```
[X:3016 DVD Servo Test(4-6)]
Status Tracking Close / Data 4A00 0000

[1] ID appointment 0000 0000

[2] cursor right
[3] cursor left
[4] cursor up
[5] cursor down
[6] Start ID Search

Press [0K] to make a by feature.

Press [BACK] to Bata
```

Available for DVDs only.

Status: "Tracking Close (during normal conditions)."

- [1] Displays designated ID.
- [2] Moves the cursor to the right by one increment.
- [3] Moves the cursor to the left by one increment.
- [4] Moves the cursor up by one increment.
- [5] Moves the cursor down by one increment.
- [6] Starts the ID search operation (return to servo test 4-0).

Display data of adjustment value

FE Offset	FE offset coefficient	0000 0000(h) - FFFF FFFF(h)
TE Offset	TE offset coefficient	0000 0000(h) - FFFF FFFF(h)
AS Offset	AS offset coefficient	0000 0000(h) - FFFF FFFF[h]
ENV Offset	ENV offset coefficient	0000 0000(h) - FFFF FFFF(h)
TG Offset	TG offset coefficient	0000 0000(h) - FFFF FFFF[h]
DBAL	DBAL offset coefficient .	0000 0000(h) - FFFF FFFF(h)
FE MAX	FE MAX level	0000 0000(h) - FFFF FFFF[h]
FE MIN	FE MIN level	0000 0000(h) - FFFF FFFF[h]
AS MAX	AS MAX level	0000 0000[h] - FFFF FFFF[h]
ENV MAX	ENV MAX level	0000 0000(h) - FFFF FFFF(h)
FE Normal	FE normalize coefficient	0000 0000(h) - FFFF FFFF(h)
S.Gain	Spindle gain coefficient	0000 0000(h) - FFFF FFFF(h)
T.Bal (layer-0)	TBAL coefficient (layer-0)	0000 0000(h) - FFFF FFFF(h)
T.Bal (layer-1)	TBAL coefficient (layer-1)	0000 0000(h) - FFFF FFFF(h)
G.Bal (layer-0)	GBAL coefficient (layer-0)	0000 0000[h] - FFFF FFFF[h]
G.Bal (layer-1)	GBAL coefficient (layer-1)	0000 0000(h) - FFFF FFFF(h)
TE Normal (layer-0)	TE normalize coefficient (layer-0)	0000 0000(h) - FFFF FFFF(h)
TE Normal (layer-1)	TE normalize coefficient (layer-1)	0000 0000[h] - FFFF FFFF[h]
F.Bal (layer-0)	FBAL coefficient (layer-0)	0000 0000[h] - FFFF FFFF[h]
F.Bal (layer-1)	FBAL coefficient (layer-1)	0000 0000(h) - FFFF FFFF(h)
F.Gain (layer-0)	Focus gain coefficient (layer-0)	0000 0000[h] - FFFF FFFF[h]
F.Gain (layer-1)	Focus gain coefficient (layer-1)	0000 0000[h] - FFFF FFFF[h]
T.Gain (layer-0)	Tracking gain coefficient (layer-0)	0000 0000[h] - FFFF FFFF[h]
T.Gain (layer-1)	Tracking gain coefficient (layer-1)	0000 0000[h] - FFFF FFFF[h]
AS Normal (layer-0)	AS normalize adjustment value (layer-0)	0000 0000(h) - FFFF FFFF(h)
AS Normal (layer-1)	AS normalize adjustment value (layer-1)	0000 0000(h) - FFFF FFFF(h)

48

6.8 USING THE TEST DISC

TEST DISC Part No.: GGV1137

REMOTE CONTROLLER Part No.

Part No. Description

CXB7427 Co-packed remote controller with AVIC-8DVD/EW

CXB7426 Co-packed remote controller with AVIC-9DVD/EW, UC

CXB9118 Co-packed remote controller with AVIC-8DVD-2/EW, -9DVD-2/EW, -90DVD/UC

CD-R11 Optional remote controller

1. Start/End

1-1. Start

When the test disc is inserted, the title "NN622/NN623 TEST DISC" will be displayed. If [RETURN] key is pressed while the title is being displayed, the menu screen will be displayed. If no key is pressed, the first screen of the inspection screen for line will be displayed.



1-2. End

No action is taken.

2. Key operation

- In the case of inspection screen for line
- The inspection screen and the menu screen can be switched alternately using the [CR] key on the remote controller.
- 2. The screen will go back to the previous screen by the [†] key on the remote controller.
- 3. The screen will move forward to the next screen by the [] levy on the remote controller. (Unless the inspection is finished, the screen will not move forward. The screen will not move forward, too, if there is an NG item.)
- * Refer to the explanation of each screen for the details.
- · In the case of service menu screen
- Select an inspection item by the [†] and [‡] keys on the remote controller, and inspection screen will appear when the [CR] key is pressed.
- 2. When the [RETURN] key on the remote controller is pressed, the screen will go back to the menu screen.
- * Refer to the explanation of each screen for the details.

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Menu screens

```
Sef Test Manu

1 Externa Course from
2 Dual Burn nation check
3 Touch Paner check
4 Microphone & Gain control
5 Duta Communication (Short)
6 Duta Communication (Open)
7 National Drawing & New Yew

B CON Y The color ted sommer and f
```

2

```
8 VTR in check
9 FM multiplex tuner error
10 GPS Self check
11 Software version display
12 Language Flag solup mode
13 Memory all cleay
14 GPS sensitivity measurement
[CR KEY] The selected arenu is started
```

```
15 Picture RGB check
16 GPS information
17 Sound play
18 File Maintenance mode
19 Picture check
20 Device check(Onsign response cody)
21 Memory all clear (for Secure)
[CR KEY] The selected menu is started.
```

3. Inspection screen

1. Connection check

ON
ON
REV
C [FFT: <a. 42374="" fr<="" p=""></a.>
2.4347 OK
~ (6 b OK ~
FR: 與 NT (

- The status of the item indicated in the above figure will be updated every second.
- Set ANTON port to H when starting the inspection and set to L when ending.
- When the gyro is in operation, a BEEP sound will be made when the G sensor is activated.
- Right: 500Hz, Left: 700Hz. Up: 800Hz, Down: 600Hz Conditions for moving on to the next inspection

Illumination status is changing between ON and OFF.

Parking brake status is changing between ON and OFF.

Reverse status is changing between NOR and REV.

Pulse is changing to a value other than 0/0.

Mic connect status is changing between ON and OFF.

All keys on the main body as listed below have been pressed at least once.

Standard value for other items

GYRO voltage
 OK: 2.5±0.15

USABLE: 2.5±0.30

GYRO variation

OK: Less than 30

G sensor voltage

OK: 2.5±0.15

USABLE: 2.5±0.30

G sensor variation

OK: Less than 60

Only when all the conditions are met, you can move on to the next inspection by the [†] key on the remote
controller. It should be noted, however, that you will not be able to move on to the next inspection if there is
an error (background color is red) even if the conditions are met.

<Supplemental explanation regarding error display>

Displayed message	Details of the error
Structural data error	An error when data cannot be received from A/D converter.
	Defective device of the A/D converter seems to be the cause.
	It will also happen in case the vehicle speed pulse cannot be measured. (rare)
No connection to DRAGON	An error when communication with DRAGON cannot be established.
	Communication error due to a hardware problem could be the cause.
	It is highly possible that the hardware on the DRAGON side is defective.
Command error	Time out error for response to BIOS call.
	Communication error due to a hardware problem could be the cause.
	It is highly possible that the hardware on the DRAGON side is defective.
Unknown error	Error due to unknown reason.

D

6. Data Communication (Open Circuit) check (Not for service)



- · SIO connection open is checked.
- · Check is performed on 5CH and 7CH.
- · Do not connect anything to the terminal. OK will be indicated under "open" condition.
- · Wait screen is displayed until the checking is completed.
- When (RETURN) key on the remote controller is pressed while the inspection result is being displayed on the screen, inspection will be performed once again.
- Only in the case of OK, you can move on to the next inspection by the [] key on the remote controller.

7. Natural Drawing & Rear View



- · Natural image consisting of 256 colors will be drawn on the BG screen.
- ADPCM 1kHz sine wave at the sampling rate of 19kHz will be output for 30 seconds.
- · Rear view image will be displayed on the right hand side of the screen.
- GUIDEON terminal will be set to H when entering the screen, and set to L when exiting the screen.
- Volume level can be changed by the [→] and [→] keys on the remote controller. (0 to 9)
 [JPEG file name: ZHITO1.JPEG]
- [Voice file name: A19K01KS.WAV]
- You can move on to the next inspection by the [] key on the remote controller.

8. VTR check



- External input image (VTR input image) is displayed and voice is outputted.
- You can move on to the next inspection by the [] key on the remote controller.

9. FM multiplex tuner error rate measurement



- · FM multiplexing error is measured.
- In the case of UC model, this inspection is not performed and the system will move on to the next inspection.
- Default frequency is 87.5MHz.
- When entering this mode for the first time, the result of measurement at the time of test disc boot up will be displayed.
- After the measurement is taken, the frequency can be changed by the [←] and [→] keys.
- 500 blocks will be measured, and if there are 450 or more blocks without error, then it will be determined as OK.

254

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AVIC-N2/XU/UC

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2. Dual Illumination color check



- . Color switching for dual illumination can be made.
- In the case of UC model, this inspection will not be performed, and the system will move on to the next inspection.
- Color is changed to GREEN/LED by the (NAVI) key on the remote controller.
- Move on to the next inspection by the [\] key on the remote controller.

3. Touch Panel check



- · Touch panel inspection must be performed at 16 locations.
- If the coordinate obtained by pressing the white spot is within the effective range, it will be determined as OK, and the next white spot will be displayed.
- . If the coordinate obtained is outside of the effective range, it will be determined as NG.
- · If all 16 locations turned out to be OK, then this test is considered to be OK.
- If coordinate cannot be obtained in approximately 5 seconds after the white spot is displayed, the inspection is determined as NG.
- Only if the inspection is OK, the inspection will move on to the next step by the [|] key on the remote controller.

4. Microphone & Gain control check

- The voice channel is inspected by recording the voice from MIC input (Lch) on a memory, playing back the recorded data and outputting from the SP.
- Recording of MIC input voice and playback of the recorded data is done at every second. ("1 second recording →
 1 second playback" will be repeated during inspection.) "REC" and "PLAY" will be displayed on the screen during
 recording and play back, respectively.
- Voice channel

MIC voice input → ADC Lch input → ASIC voice block → Data storage (recorded on the memory)

Play back of recorded voice data → ASIC voice block → DAC Lch output → SP output

Operation (remote controller)

- [+]: MIC input gain (PROGGAIN0-2) is lowered.
- [→]: MIC input gain (PROGGAIN0-2) is increased.
- [NAVI]: Muting of ONSEIMUTE signal is switched between ON and OFF by a toggle switch.
- [] : Move on to the next inspection.
- 5. Data Communication (Short Circuit) check (Not for service)

```
5 Data Communication (Short Circuit) creck

Senal I/O #5(for Extension) OK

Senal I/O #7(for Debug) OK

[joy slick down] It progresses to the next inspection
```

- · SIO connection short is checked.
- · Loop back check is performed on 5CH and 7CH.
- · Wait screen is displayed until the checking is completed.
- When (RETURN) key on the remote controller is pressed while the inspection result is being displayed on the screen, inspection will be performed once again.
- Only in the case of OK, you can move on to the next inspection by the [] key on the remote controller.

52

AVVICENS/XUATO

253

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14. GPS sensitivity measurement



- · GPS can be changed by the [←] and [→] keys on the remote controller.
- · Sensitivity of the selected GPS is displayed by the [RETURN] key on the remote controller.
- Production engineering inspection is ended and service menu is displayed by the [‡] key on the remote

<Supplemental explanation regarding error display>

	rogaraning circi displays
Displayed message	Details of the error
No connection to DRAGON	This is an error when communication with DRAGON is not established. Communication error due to a hardware problem could be the cause. It is highly possible that the hardware on the DRAGON side is defective.
Command error	Time out error for response to BIOS call. Communication error due to a hardware problem could be the cause. It is highly possible that the hardware on the DRAGON side is defective.

15. Picture RGB check



- · RGB bridge is inspected.
- The screen can be switched by the [←] and [→] keys on the remote controller.
- RGB is drawn in the pattern of R 100% → R 50% → G 100% → G 50% → B 100% → B 50%.
- · Total of 6 screens will be displayed.

258 AVIC-NZ/XU/JK

16. GPS information

16. GPS information

10. T2 - Hz/5 5 - V25 5 - 01.03.28.23.05.47 |

SV | Azis | Ev | SNR | Eriq | Acc | Doppler | SrchW |

10. 119 | 39 | 30 | UY- 3 | -2249 | 2933 |

26 | 25 | 60 | 46 | UY- 2 | -1051 | 3436 |

18 | 310 | 25 | 60 | sem | f | -6 | 12487 |

23 | 395 | 33 | 00 | sem | f | -6 | 24812 |

17 | 317 | 49 | 3.0 | sem | f | -6 | 21812 |

19 | 196 | 46 | 53 | sem | f | -6 | 21812 |

10 | 196 | 46 | 53 | sem | f | -6 | 21812 |

11 | 24 | 24 | 3.0 | sem | f | -6 | 21812 |

14 | 242 | S1 | 0.6 | sem | f | -6 | 2541 |

4 | 142 | S1 | 0.6 | sem | f | -6 | 544 |

Position Sy Stat Ver & Dary 1 or Prior

- "Position information" will be displayed when the cursor is at the "Position" position and the [CR] key is pressed on the remote controller.
- "Status information" will be displayed when the cursor is at the "Sv Stat" position and the [CR] key is pressed on the remote controller.
- "Diagnosis information" will be displayed when the cursor is at the "Ver&Diag" position and the [CR] key is pressed on the remote controller.
- "Error information" will be displayed when the cursor is at the "Err Info" position and the [CR] key is pressed on the remote controller.
- . When an inspection is performed, "status information" (the screen shown above) will be displayed first.

17. Sound play

```
17. Sound play
ADPCM Sattlen 11K 1K L.
ADPCM feation 11K 1K mono
ADPCM feation 11K 1K R.
ADPCM feation 11K 1K St.
ADPCM feation 15K 1K L.
ADPCM feation 15K 1K L.
ADPCM feation 15K 1K R.

Man fader Voi (0-15) 6.

[- Wulled Ser Vai down]
[return] It returns to at mena screen
```

- · Voice file (WAVE format) will be played back.
- The voice selected by the [CR] key on the remote controller will be played back.
- Volume level can be changed by the (←) and (→) keys on the remote controller.

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10. GPS Self check



- · GPS receiving status will be displayed.
- · Conditions to move on to the next inspection.
- Antenna connection is OK.
- Data is received from one or more satellite
- Time is being displayed.
- · When all the conditions are met, the background color will change to blue.
- Only when all the conditions are met, you can move on to the next inspection by the [‡] key on the remote controller.

It should be noted, however, that you will not be able to move on to the next inspection if there is an error (background color is red) even if the conditions are met.

<Supplemental explanation regarding error display>

coopposite explanation regarding error displays						
Displayed message	Details of the error					
No connection to DRAGON	This is an error when communication with DRAGON is not established.					
	Communication error due to a hardware problem could be the cause.					
	It is highly possible that the hardware on the DRAGON side is defective.					
Command error	Time out error for response to BIOS call.					
	Communication error due to a hardware problem could be the cause.					
	It is highly possible that the hardware on the DRAGON side is defective.					
Invalid data	This is an error when request is made while the data for response is not					
	prepared (not obtained from DRAGON).					
	Communication error due to a hardware problem could be the cause.					
	It is highly possible that the hardware on the DRAGON side is defective.					

11. Software version



- · It indicates the version information of the software.
- · As for the "GPS model", it will be considered OK if either "04EW DVD" or "04UC DVD" is displayed.
- · As for the "Hide away model", it will be considered OK if either "04EW DVD" or "04UC DVD" is displayed.
- As for the region code, it will be considered OK if "2" is displayed in the case of EW model and if "1" is displayed for UC model.
- When "GPS model", "Hide away model" and "region code" are all OK, you can move on to the next inspection by the [‡] key on the remote controller.

12. Language selection flag initialize

```
12. Language service that subsize Language services by a labaze.

Language services by a labaze.

[joy shick down] it progresses to the next respection.
```

- When the system enters into this inspection, language selection will be set to the original setting made at the time of shipment (i.e. no setting).
- The setting is made to display the screen for selecting the language to be used at the initial boot up after the shipment out of the factory.
- . The setting is made when the system enters into this inspection.
- You can move on to the next inspection by the [1] key on the remote controller.

13. All memory clear (Not for service)



- · SRAM (application domain) is cleared.
- · FLASH (application domain) is cleared.
- · Sensor learning level is cleared.
- If SRAM clear is not successful, FLASH will not be cleared.
- After the inspection screen is displayed, the above process is executed by the [NAVI] key on the remote controller.
- The result of the process is displayed.
- Only when everything is OK, you can move on to the next inspection by the [‡] key on the remote controller.

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257

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25

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7. GENERAL INFORMATION

7.1 DIAGNOSIS

A 7.1.1 DISASSEMBLY

● Removing the Grille Assy (Fig.1)

Remove the two screws and then remove the Holder.

Disconnect the connector.

Remove the two screws and then remove the Grille Assy.

Removing the Case

Remove the five screws.(Fig.1)

Remove the screw and then remove the Case.(Fig. 1)

Note) Inside the product there is a flexible substrate that connects the Case and the Bracket. Be very careful and do not give it a strong pull when removing the Case, otherwise it may



Disconnect the connector and then remove the Bracket. (Fig.2) Remove the Case.(Fig.1)

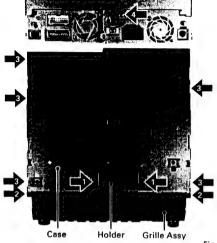
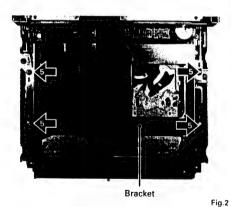


Fig.1



■ Removing the DVD Mechanism Module (Fig.3)

Remove the four screws.

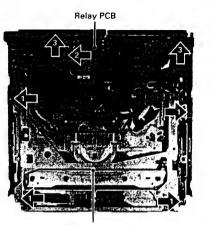
Disconnect the connector and then remove the DVD Mechanism Module.

● Removing the Relay PCB (Fig.3)

Straighten the tab at location indicated.

Remove the two screws.

Disconnect the connector and then remove the Relay PCB.



DVD Mechanism Module

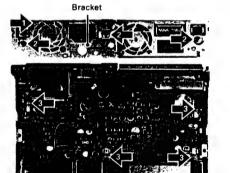
Fig.3

■ Removing the CC Unit (Fig.4)

Remove the screw.

Remove the three screws and then remove the Bracket.

Remove the six screws and then remove the CC Unit.



CC Unit

Fig.4

18. File maintenance

· File can be copied, deleted or dumped. Refer to HELP for "how to use" each function.

19. Picture check MENU



A pattern is selected by the [†] and [‡] keys and an image is displayed by the [CR] key.

- ...Display is made in the order of black, blue, red, pihk, green, light blue, yellow and white by the
- [←] and [→] keys operation on the remote controller.
- 2. Color bar ...White, yellow, light blue, green, pink, red, blue, black bars will be displayed from left to right. 3. Cross hatch
- 4. Sweep 5. Step
- 6. Lamp
- 7. Window
- 8. Mono scope
- 9. Cycle line 1
- 10. Cycle line 2
- 11. Horizontal stripe 1
- 12. Horizontal stripe 2
- 13. Chinese character pattern
- 14. Map (map.jpg)
- 15. Natural image (nature.jpg)
- 16. Portrait 1 (hito1.jpg)
- 17. Portrait 2 (hito2.jpg)

20. Device Check



- · The above devices will be inspected for engineering purpose.
- A device is selected by the [†] and [‡] keys on the remote controller, and cleared by the [CR] key.
- On each device screen, a pattern is selected by the [†] and [‡] keys on the remote controller, and inspection is started by the [CR] key on the remote controller.

21. All memory clear (for Service)



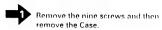
- · SRAM (application domain) is cleared.
- · FLASH (application domain) is cleared.
- · If SRAM clear is not successful, FLASH will not be cleared.
- · After the inspection screen is displayed, the above process is executed by the [NAVI] key on the remote controller.
- . The result of the process is displayed.

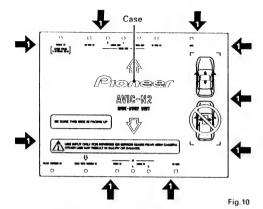
22. Initialization of a backup variable



- Back up variables are initialized by the [NAVI] key on the remote controller for system reset.
- . The screen will return to the menu screen by the [RETURN] key on the remote controller.



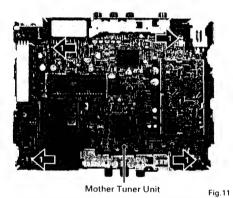




● Removing the Mother Tuner Unit (Fig.11)

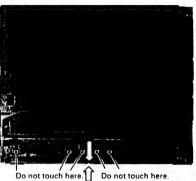
Remove the four screws.

Disconnect the connector and then remove the Mother Tuner Unit.



Precautions on handling the mechanism module

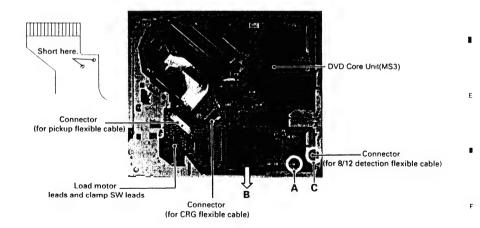
- 1. Hold the upper and main frames.
- 2. Do not hold the front portion of the upper frame. It is a delicate part.
- 3. Do not touch the switches on the top panel.
- 4. Be careful not to catch the flexible cables.



Do not hold this delicate portion.

■ Removing the DVD Core Unit(MS3)

- 1. Set the mechanism to the lock position (disc load standby position).
- 2. Place the mechanism module upside down.
- 3. Short the two lands on the pickup flexible cable as shown below.
- Be sure to disconnect the pickup flexible cable and the CRG flexible cable from the connectors to protect them from damages.
- 5. Remove solder from the load motor leads and clamp SW leads.
- Loosen the two fixing screws. Lift the position A of the DVD Core Unit lightly and move it in the direction B to remove it. Be careful not to damage the flexible cable C.
- 7. Disconnect the 8/12 detection flexible-cable from the connector.

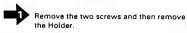


266

AVIC-N2/XU/UC

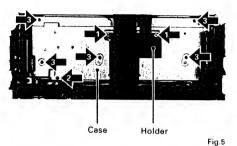
AVIC-N2/XU/UC

● Removing the Case (Fig.5)



Remove the screw.

Remove the five screws and then remove the Case.



Motor Unit

Switch

● Removing the Display Assy (Fig.6)



Remove the screw.

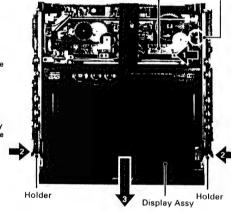
Disconnect the connector and then remove the Motor Unit.



Remove the two screws and then remove the two Holders.



Note) When reassembling, hold the switch down with tweezers or the like and put the Display Assy back to the Chassis. Otherwise, the switch may be damaged and not function properly.



• Removing the Main Unit (Fig.7)



Remove the screw and then remove the Bracket.

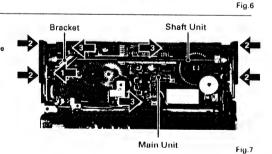


Remove the four screws and then remove the Shaft Unit.



Remove the three screws.

Disconnect the connector and then remove the Main Unit.



■ Removing the Display Assy (Fig.8)



Remove the two screws and then remove the Holder.

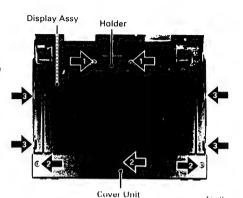


Remove the three screws and then remove the Cover Unit.



Remove the four screws.

Disconnect the connector and then remove the Display Assy.



● Removing the Monitor PCB (Fig.9)

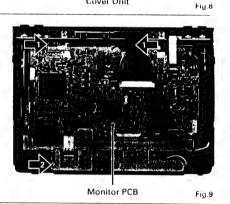


Straighten the tabs at two locations indicated.



Remove the screw.

Disconnect the connector and then remove the Monitor PCB.

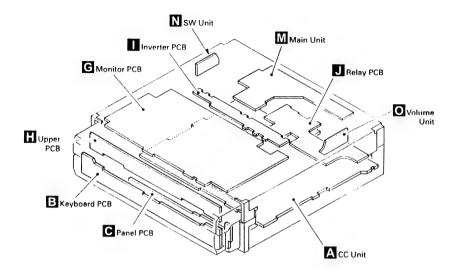


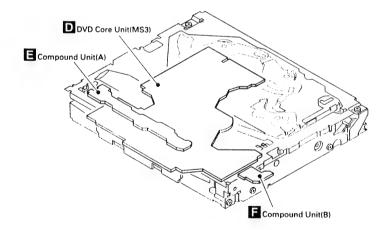
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AVIC-N2/XU/UC

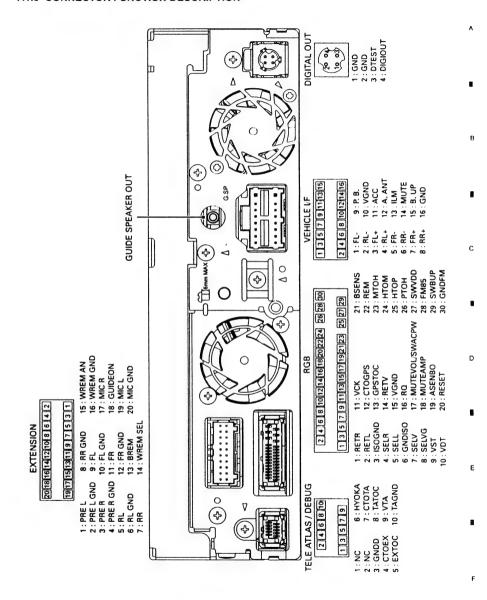
AVIC-N2/XU/UC

7.1.2 PCB LOCATIONS





7.1.3 CONNECTOR FUNCTION DESCRIPTION



Removing the Pickup Unit

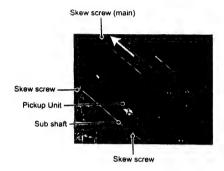
- 1. Remove the module pc board in accordance with the procedure of "Removing the module pc board."
- 2. While holding the pickup case, remove the Skew screw (main).
- 3. Lifting the end of the pickup rack, slide the main shaft, and remove the Pickup Unit.

Notes:

Replacing the pickup unit requires the skew adjustment. Remove glue from both ends of the main and sub shafts, and skew stud.

Do not reuse the old skew screw. Be sure to use a brand-new skew screw supplied with a new Pickup Unit.

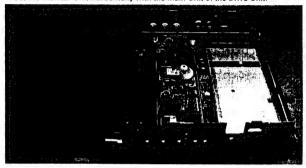
Fix the skew screw with Screw lock (GYL1001) after adjustment.



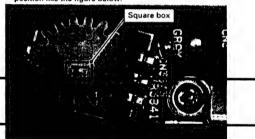
● How to install the Volume Unit fo the Drive Unit

When install the Volume Unit, adjust the positioning of the rotating angle of the gear.

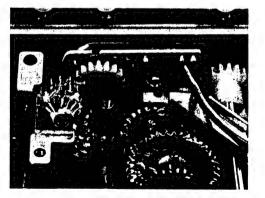
1. Set the Monitor Unit horizontally with the Main Unit of the Drive Unit.

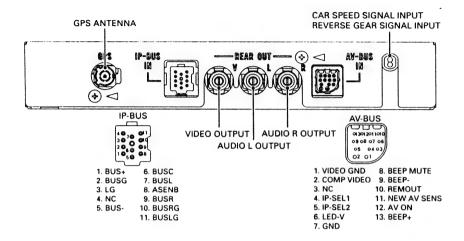


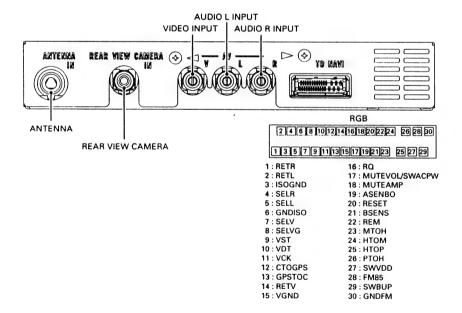
2. When install the gear unit, rotate the gear by hand until the square box of the gear keeps in a horizontal position like the figure below.



*Gap of one teeth is acceptable.







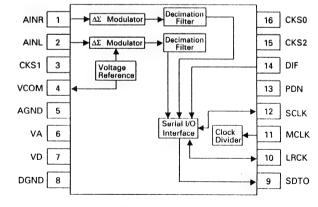
7.2 PARTS 7.2.1 IC

> AK4351VT AK5381VT HY57V561620CLT-H K4S561632E-TL75 PEH005A(UC model) PEH003A(EW model) PEH006A(UC model) PEH004A(EW model)

MB86291APFVS-G-DL S-L2980A33MC-C6S NJM2561F1 PD6336C PD5937A PD3390A LC72720YVS(EW model) SBX3050 01 PD6473A(UC model) PD6472A(EW model) PD6340A PE5413B S-80835CNNB-B8U SI6544DQ TK154044MI S-93C46BR0I-J8T1 R1224N102H HA12240FP S-12980A50MC-C7J S-812C33AMC-C2N PE5412B(UC model) PE5411B(EW model)

AK4351VT DIF1 DIFO DIF1 DEM MCLK CKS TST 16 DIFO LRCK 15 VSS De emphasis Clock Divider BICK Control 14 VDD LRCK BICK Serial Input SDATA 13 VREF Interface SDATAC PD 12 VCOM AOUTL MCLK 11 AOUTL LPF AOUTR Interpolator DEM 10 AOUTR CKS 9 TST

AK5381VT



SERVAND TAYOUR SERVICE

AVIGN2/XU/UG

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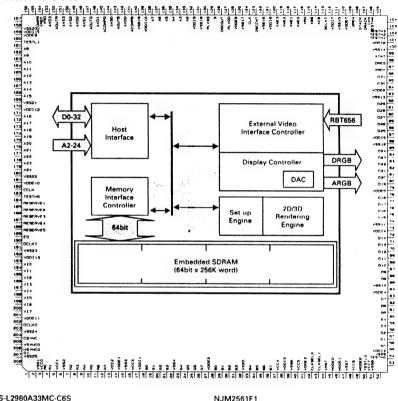
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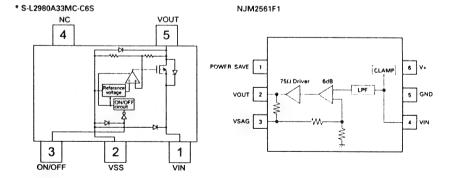
IC's marked by * are MOS type.

Be careful in handling them because they are very liable to be damaged by electrostatic induction.

* HY57V56162	OCLT-H		* K4S561632	E-TL75		
VDD1 [] DO0 [] VDD01 [] D01 [] D02 [] VSS01 [] D03 [] D04 [] VDD02 [] D05 [] VDD02 [] VDD02 [] VDD02 [] UD03 [] VD00 [] VD00 [] VSS02 []	OCLT-H AGA11: Address input BA0-BA1: Bank select address D00-D015: Date input/output CKE: Clock input/output CKE: Clock input CKE: Clock enable CS: Chip select RXS: Row address strobe RXS: Row address strobe LDOM: Lower D0 mask enable UDOM: Upor D0 mask enable UDOM: Upor D0 mask enable UDOM: D0P D0 mask enable UDOM: D0P D0 mask enable VD0: Power supply VSC: GN0 VD00 Date output power supply VD00 Date output power supply NC: Not used	551 vss3 33 pots 531 vsp31 5331 vsp31 53	* K4S561632 VDD [1] VDD [2] VDD [3] DD1 [2] DD2 [3] VSSD [3] DD3 [1] VDD [3] DD4 [3] VDD [3] DD5 [1] VSSD [3] VDD [4] VDD [4] VDD [4] VDD [4] VDD [4] VDD [4]		541 vss 531 por 521 vss 531 por 550 por 451 vor 451 vss 451 por 461 vss 451 por 471 por 481 vss 471 por 481 vss 471 vss	15 16 16 16 16 16 16 16 16 16 16 16 16 16
76.4 (18) CS (15) BAO (20) BAO (20) A10/AP (22) A0 (23) A1 (22) A1 (22) A2 (25) A3 (25) VD03 (22)	C model)	37) cick 36) NC 35) NC 35) A11 34) A8 32) A8 32) A7 31) AA 30) A3 32) A4 38) VSS1	6A5 (19) 6A6 (19) 6A6 (19) 6A6 (20) 6A6 (20) 6A6 (20) 6A6 (20) 6A7	C model)	38) CLK 37) CKF 36) NC 35) A11 34) A9 33) A8 32) A7 31) A6 30) A5 29) A4 28) VSS	
NC 10 WE 11 RESET 12 NC 13	DO0-DO15: Data input/output A0-A18,A-1: Address input RYE: Sebit, 16bit mode select OE: Output enable WE: Wite enable TE: Chip enable RESET: Reset	39 0012	* PEHOO4A(E A15, 1 (A14, 2 (A13, 3 3 A12, 4 (A10, 6 6 A9, 7 7 A8, 8 8 NC 10 WE 11 RESET 12 NC 13 NC 14 RY/87 15 A18, 16 A7, 18 A6, 19 A7, 18 A6, 19 A7, 18 A7	DO0-DO15:Data input/outpu A0-A18,A 1:Address input RyBY:Ready/busy output BYTE:Sbit,16bit mode selec OE: :Output enable WE: :Write enable CE::Chip enable RESET:Reset	39	A18 871E VSS D015/A-1 D07 D014 D013 D05 D012 D04 VCC D011 D03 D05 D010 D010 D03 D000 D010 D000 D000 D000

* MB86291APFVS-G-DL





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AVIC-N2/XU/UC

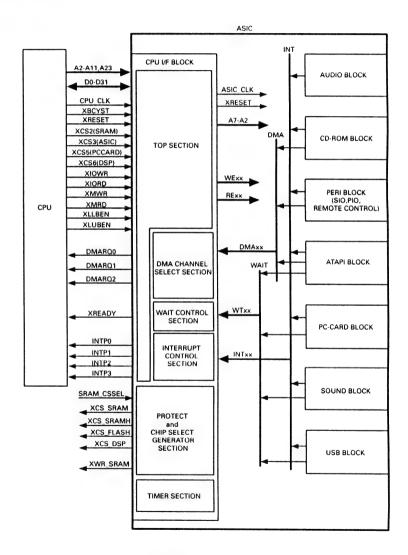
= 2 **=** 3 **=** 4 **•** • 5 **=** 6 **=** 7 **=** 8

PD6336C

Pin Arrangement Chart

ngement Ch	art																					
2545-4574	artere a	45.8430	155	CD_BLK ADC_GCNTP ADC_GCNT1 ADC_DATA	ADC, JRCLK		EXTAL	OVSS	TEST	DAC JICLE	DAC DATA		04553	A COL	91016	PIC16	PIC12	PIC10	5	ğ	ğ	vss
25.55.5	***		CO MCLK ADC GCNT?	ADC GCNT:	ADC, BCLK ADC, : RCL	ADC, MCLK	¥	7	TEST2	PC_READY DAC_MCLK DAC_ACU	PC_XVS2 PC_RESET DAC_BCLK DAC_DATA	PC_WXT PC_XNEG		2020	71014	PIO15	P1013	1104		FIO7	2 0	8
30: F.	erre re	-248-48	CD MCLK	ADC, GCNTB	2	V4	9	¥	2 2	PC_READY	PC_RESET	PC WXT	PC_BVD2	Pr VCD3	C XCD: PC XCE1	PC_XCE2	PC_XVS1	PC_XIORD	PC_XIOWR	PC_XWE	FI02	OVSS
	FEREE		120		7	VSS	ğ	200	9 1		PC_XVS2	Q,	QQA	200	i XOS	ogv	PC_XOF	NSS	NSS.	PC_XUBUF	PC_XLBUF	Į.
uppe		[X 5: 5: 52	DSP_XRS DSP_ATTENT	TEST1 CD_LINC.K	DSC	vss													cov	PC_XPMR	ATA_DIR	8
2355		<u>}.</u> ≗≘≈	DSP_XRS	TEST1	029	026													ATA_XCS0	ATA_XCS1	UARTI_XDTR	UART1, KRTS
*F#£		2 522	CVDD2	OVSSE	D27	qqv													OQA	ATA DAZ	ATA_DD15	OVDD1
		¥.8E.*	KCS_SRAMH	PIO_OUT	D26	920													ATA_D014	ATA_DO13	UART_XRI	UART, XDSR
FEE		¥85	DSP_BFSO DSP_BCLKO XCS_SRAMH	D24	D23	VSS													vss	ATA_DD12	ATA DD11	OVSS1 UMITLYCTS UMITLYDSR OVDD1 UMITLYRTS
22.2		2 2 2 2 2	DSP_BFSO	DSP_800	D22	D21													ATA_DD10	ATA_DD9	UART_XDCD	OVSS1
7	>	jæ Ea	95500	D20	91Q	vBO						>							VDO	ATA_DD8	ATA KRESET	CPU, CLK
-	TOP VEIW	13 E C	DSP_HRDV	91.0	710	qqv						TOP VEIW							qqv	ATA_DD7	ATA_DD6	433
* 2532	-	28 E F	DSP_BFSI 05P, XHINT DSP_HRDY	P1023	910	510						-							ATA_DDS	ATA_DD4	UART! RKD	UART1_TXD
- 236		\$20 E pt	DSP_BFSI	D14 .	610	vss													VSS	ATA_DD3	ATA_DO:	JART2_RXD
F-127.00		7.5	108, 450	XCS_DSP	:10	.ta													ATA, DO	ATA, DOC	CIO. CILIANI	UART, TRD
-34		(Care 1	OVDD3	010	8	QQA													QQA	ATA_DMARG	ATA, XDIOW	OVDDO
2585		3,58	PI022	OVEST	8	70													ATA_XDIOR	ATA JORDY	XRESET	UARTT3_TXD
- P. #.		e e e	MC24	ă	8	9													SSA	TA_KOMMOR	ARTA FOCD	UARTA TRO
	anena.	222388×	F1025	ă	8	vSS	vSS	XLUBEN	og,	VSS	Š	QA	OQA	xcss	NEO.	NDO.	TNT	9	SSA	ATA INT	ONSSO	JARTS_TXD
		25,55,562	DSP_BCLKI	PI026	05	10	XMMR		XIOND	2 2	¥	XBCVST	xCS2	XCS3	Daro	ELM	INT2	E.T.	ATA_DA0	ATA_DA1	JART6_RXD	JARTS BXD
		2000000	1027	PIO28	CCS_FLASH	8	XMRD	a i	XIOWR	2 2	¥		RAM CEST	P1030	X CX	SWCK	XSM	GDC_W7	CXR STRA	WATTE RIXD	LARTY, RXD	VSS LUANTE, TXD LUANTE, RXD LU
 			vSS	94079	JERYPHREN XCS FLASH	USBROMICUM		- STOWN	UNDSW	DADZI.	USB QX	XCS SRAM XREADY	YWR SRAM SRAW CESEL	100	X X	3 1	MST	1.	UMATTS_TXD_UMPTTS_RXD_ATA_DAO	UMPTY THO UMPTY THO WARTHAND ATA, DAY, THE TALL STATE OF THE DOT OF THE DOT ATA, THE	WATT, TOO WATT, ROO WASO WATT, ROO ONSO WATT, ROO WASO WATT, ROO WATT, BOO WATT, ROO W	VSS
			_			_	_		-		-		_			-	_	-	_			

Block Diagram Chart



ATC-N2M

277

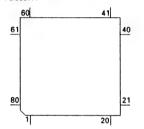
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●Pin Functions/PDE027A1

Pin No.	nctions(PE		
rin No.	Pin Name ARMSW	I/O	
2	NFANCNT	0	LED light output
3	AFANCNT	0	CC Unit Fan motor control output
	ILMPWR	0	Power amplifier IC Fan motor control output Illumination ON output
	READN	ŏ	
	CNVSS	ř	Illumination color select output, when the reer monitor is ON (H : Green, L : Amber) Connect to GND
7	DISC	-i-	Disc detect input
	EJECT	-i-	Disc eject input
	RESET	i	Reset input
	XOUT	ö	Crystal oscillator connection pin
	GND		GND
	XIN	T	Crystal oscillator connection pin
	VDD		VDD
	INT	T	Connect to VDD
15	BSENS	1	Backup sense input
16	ASENS	1	ACC sense input
	FDSEN	1	Grille detach sense input
	RST3	O	Navigation control reset output
	AUPW	ō	Audio power supply control output
20	DRAMPW	0	Navigation control DRAMPW output
21	BEEP	0	BEEP output
22	RXN	1	Data input from Navigation (UART)
	TXIN	0	Data output to Navigation (UART)
	TSO	0	Data output to Hideaway Unit (UART)
	TSI	1	Data input from Hideaway Unit (UART)
	TSCK	- 1	Test program clock input
	BUSY		Not used
	CCON	0	Navigation control CCON output
	XCCSTB	1	Stand-by OK of the CC Unit input
30	CPUWDT		Watch dog timer input
31	IRQPW	0	Navigation control IRQPW output
	RSTOUT	0	Navigation control RSTOUT output
	MUTEPE		Not used
	MUTNS	0	Mute output at the time of MIX
	SELL	0	Navigation voice Lch MIX control output
	SELR	0	Navigation voice Rch MIX control output
	VFSEL	0	Front monitor source select output (H : Hideaway Unit, L : MS3)
	VRSEL	0	Rear monitor source select output (H : Hideaway Unit, L : MS3)
	VSEL3		Not used
	DATA		Not used
	CLK		Not used
	CS		Not used
	AMPSTB	0	Amplifier stand-by output
	ILMSEL	0	Illumination color select output (H : Amber, L : Green)
	ILMDIM	0	Sub display DIM power supply control output
	DSENS		Detach sense input
	ILMSENS		Illumination sense input
	PBSENS		Parking brake sense input
	TELIN ASENBO	- 6	TEL mute input
51	MUTESO	0	ASENS output
52	LIFTPUL	Ť	Mute output
	MTRS	6	Lift pulse input
54	MTRPW	- 6	Flap motor speed control output
	MTR1	0	Flap motor control power supply output
	MTR1	0	Flap angle motor control signal output
	MTRSEL	- 6	Flap position motor control signal output
	ANGLEOSW		Flap motor control output
			Flap angle 0 sense input
	SENSE5		Lift sense input
	ANTPW	0	Pulse power supply control output
	WCONT	9	Auto antenna power output
		-	Wired remote control SEL input
63	TESTIN		Test mode input
63 64	TIMEOUT	1	Timeout input
63 64 65-67			Timeout input Model select input0-2 5.1 ch mute output

Pin No.	Pin Name	1/0	Function and Operation
69	NC		Not used
70	WREMIN		Wired remote control AD input
71	ATEMPI		Not used
72	ANGLE		Flap angle sense input
73	NTEMPI		CC Unit temperature input
	NC		Not used
75	AVSS		A/D GND
76	NC		Not used
77	AVREF		A/D converter reference voltage
78	AVCC		A/D power supply
79	NC		Not used
80	MUTEGU	0	TELIN/GUIDE interrupt notice output

* PD5937A



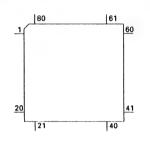
●Pin Functions(PE5413B)

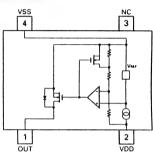
●Pin Fu	nctions(PE	5413	B)
Pin No.	Pin Name	1/0	Function and Operation
1	PNLADX	_	X directions analog input
	LSEN		Lens sense input
3	PNLADY		Y directions analog input
4	AVSS	0	A/D converter GND
5	DIMMER INVBST_DA	8	Dimmer anarog output Back light boost signal output (low temperature)
7	AVREF1	0	D/A converter reference voltage
8	RXD		Data input from system microcomputer (UART)
9	TXD	ö	Data output to system microcomputer (UART)
	MFLPW	Ŏ	Back light control output
11	LKYDT		Data input from LCD micro computer (UART)
12	LDPDT	0	Data output to LCD micro computer (UART)
13	MVIPW	0	Picture power supply control output
14	OSDCS	0	OSD chip select output
15	TSI		Not used
17	TSO	6	Test program data input
18		Ĭ	Test program data output Test program clock input
19			Back light power supply overcurrent detect input
20	EPRRST	i	EEPROM reset input
	EPRTEST	i	EEPROM data setup mode input
	STEST	i	Monitor operation mode input
23	STEST2	i	Touch panel test mode input
24	PNLXV	0	Hi output is carried out when X directions is detected
25	PNLYV	0	Hi output is carried out when Y directions is detected
26	NC		Not used
27	SDA	No	IC data input / output
28		8	IC clock output
	LSWVDD	8	IC reset output LCD micro computer power supply control output
31.32	NC	<u> </u>	Not used
33		 	GND
34-37	NC		Not used
38	ROMDATA		Not used
39	ROMCLK		Not used
40			Not used
41,42			Not used
43	INVBST		Not used
44		0	Inverter pulse output
45		0	Not used
47	EPRSK	8	EEPROM chip select output EEPROM serial clock output
48	EPRDO	0	EEPROM serial data output
49	EPRDI	1-Y-	EEPROM serial data output
50	EPRPROT	ò	EEPROM memory protect output
51	TESTIN	Ĭ	Chip test input
52	NC		Not used
	LDIMMER		Not used
54	LBKL	0	LCD micro computer back light power supply control output
55,56	NC	L	Not used
57	LCDTYPE1	1	LCD panel type detect input1
58	NC		Not used
59 60			LCD panel type detect input2
61	RESET		Reset input
62	VDDSENS		Remote control data input Power supply sense input
63	ROTO		Rotary encoder input0
64	ROT1	1	Rotary encoder inputs Rotary encoder inputs
65			Not used
66			Not used
67	VSS0		GND
68		-	Power supply
69	X2		Crystal oscillator connection pin
70	X1	-	Crystal oscillator connection pin
	VPP	-	Not used
72	XT2	i	Not used

Pin No.	Pin Name	1/0	Function and Operation
73	XT2		GND
74	VDD0		Power supply
75	AVDD		A/D converter power supply
76	KEY0		Analog key data input 0
77	KEY1		Analog key data input 1
78	KEY2		Analog key data input 2
79	NC		Not used
80	TEMPSEN		Temperature sense input (back light boost)

* PE5413B

* S-80835CNNB-B8U

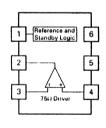




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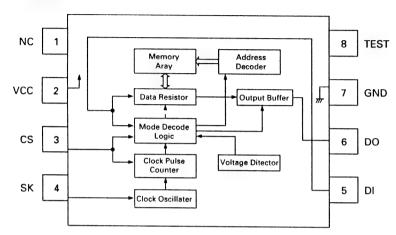
TK15404AMI



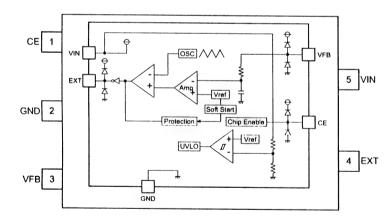
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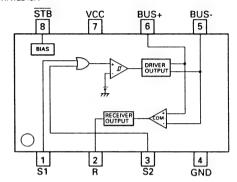
S-93C46BR0I-J8T1



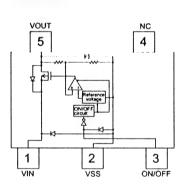
* R1224N102H



HA12240FP



* S-L2980A50MC-C7J



* S-812C33AMC-C2N

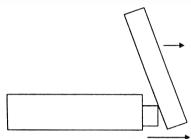
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AVIC-N2/XU/UC

AVIC-N2/XU/UC

● Explanation on the FLAP temporary folding operation

1. By pressing the temporary folding key, the angle driving motor is rotated from the monitor stop position toward 0° direction. When the setback is being set to ON, the forward/backward driving motor is rotated when the key is pressed, brake is applied after 600ms has elapsed from the time when LIFTSW has switched from H to L, and the angle driving motor is rotated in 0° direction.



2. For a period of 500ms after DEGOSW has switched from H to L, the angle driving motor is rotated, and the monitor stops at its horizontal position by the brake. After 7 seconds, navigator operation sound is heard three times in 1 second interval. After 10 seconds, the angle driving motor is rotated in UP direction, and then the brake is applied to stop the motor at the last memory position. When the setback is being set to ON, after the angle driving motor stops at the last memory position, the forward/backward driving motor is rotated in slow speed in the horizontal storage direction, and the motor stops after LIFTSW has switched from L to H.



● Notes related to the FLAP motion

- Regarding the angle position, angle voltage is always checked, and the last memory is stored by addition or subtraction of the voltage. It should be noted, however, that the last memory will not be stored when the monitor is manually moved by force.
- 2. If the expected pulse is not detected during horizontal motion, the monitor will stop at that position.

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		OPEN state	In OPEN motion	In CLOSE motion	CLOSE state
	Bup ON	CLOSE state			Continue OPEN motio
	(Reset start)	CLOSE			Last angle
		OPEN state			
		•			
		Last angle			
Auto OPEN/CLOSE setting ON	Bup OFF	To stand by	To stand by	To stand by	To stand by
	Bup OFF → ON	No state change	Continue OPEN motion	Continue CLOSE motion	No state change
			Last angle	CLOSE	
			↓ Return		
	and the second second second second second		Noturii		
	ACC ON	No state change			OPEN motion
					Last angle
					Heturn
	ACC OFF → ON	No state change	Continue OPEN motion	Continue CLOSE motion	No state change
	1.55011 - 011	140 state charige			'40 state custige
			Last angle	CLOSE	
Auto (Return		
	ACC OFF	6 sec from ACC OFF	Continue OPEN motion	Continue CLOSE motion	No state change
		Advance	Last angle	CLOSE	
		CLOSE motion	+		
			Return		
		CLOSE	6 sec from ACC OFF		
			Advance		
			CLOSE motion		
			CLOSE		
	Last memory	OPEN	OPEN	CLOSE	CLOSE
	Bup ON				
	(Reset start)				
	Bup OFF	To stand by	To stand by	To stand by	To stand-by
	Bup OFF → ON	No state change	Continue OPEN motion	Continue CLOSE motion	No state change
			Last angle	CLOSE	
			+ Return		
	ACC ON	No state change		*** **********************************	No state change
	ACC OFF → ON	No state change	Continue OPEN motion	Continue CLOSE motion	No state change
			Last angle	CLOSE	
			Return		
			noturn		
	ACC OFF	No state change	Continue OPEN motion	Continue CLOSE motion	No state change
			Last angle	CLOSE	
			Return		
	1			.l	

^{*} When the setback is being set to OFF, there will be no advance/return motion.

After ACC OFF, if ACC is switched ON again during the 6 seconds counting, standby will be passed and the FLAP status will not change.

AVIC-N2/XU/UC

● Table of temporary folding control

С

D

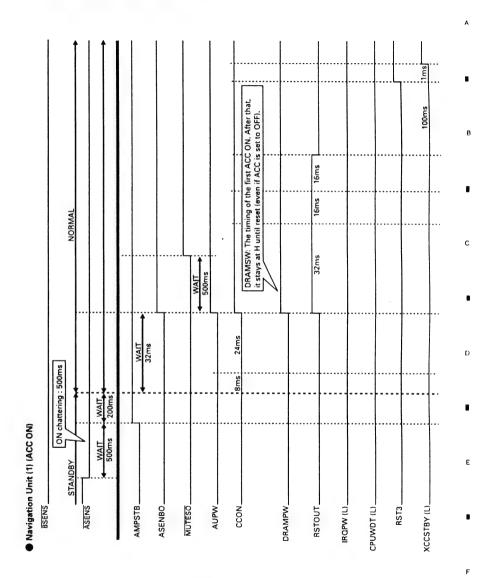
Ε

		Temporary folding state (horizontal position)	Temporary folding reset (horizontal position+last angle)	Temporary folding in motion (last angle+horizontal position
-	Bup ON	W		
	Bup OFF	To stand by	To stand-by	To stand-by
_	Bup OFF → ON	Continue temporary folding motion	Continue OPEN motion Last angle Return	Continue temporary folding motion + Temporary folding
ō	ACC ON	1		***************************************
LOSE setting	ACC OFF→ ON	OPEN motion Last angle Return	Continue OPEN motion Last angle Return	Continue temporary folding motion ↓ Temporary folding
Auto OPEN/CLOSE setting ON	ACC OFF	6 sec from ACC OFF 4 CLOSE motion 4 CLOSE	Continue OPEN motion Last angle Return 6 sec from ACC OFF Advance CLOSE motion CLOSE	Continue temporary folding motion Temporary folding 6 sec from ACC OFF CLOSE motion CLOSE
	Last memory	OPEN	OPEN	
	Bup ON	OFEN	OPEN	OPEN
	Bup OFF	To stand by:	To stand bu	
J OFF	Bup OFF → ON	To stand by Continue temporary folding motion	To stand by Temporary folding reset	To stand by Temporary folding in motion
<u>ٽ</u>	ACC ON			
Auto OPEN/CLOSE setting OFF	ACC OFF → ON	OPEN motion ↓ Last angle ↓ Return	Continue OPEN motion Last angle Return	OPEN motion + Last angle + Return
Auto OPEN	ACC OFF	OPEN motion the Last angle	Continue OPEN motion tast angle	OPEN motion ↓ Last angle ↓
Ā		Return	Return	Return

^{*} When the setback is being set to OFF, there will be no advance/return motion.

AVIC-N2/XU/UC

7.3.2 OPERATIONAL FLOW CHART



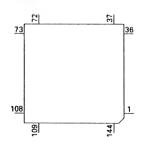
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●Pin Functions(PD3390A)

Pin No.		1/0	Format	Function and Operation
1	VCC0			Power supply (3.3V)
2	VSS0			GND
3		1/0		SIO2 Transmission data input / output
	RXD2	1/0		SIO2 Reception data input / output
5		0	С	SIO1 Transmission data output
	RXD1	1 1		SIO1 Reception data input
7	TXD0	6	С	
	RXD0			SIO0 Transmission data output
	SPEED	 		SIO0 Reception data input
				SP I/F input
	ADCSB	0	С	AD I/F output
	ADSCK	0	C	AD I/F output
	ADTXD	0	C	AD I/F output
	ADRXD	1		AD I/F input
	ADSRX	1		AD I/F input
	ADIO0	1/0		AD I/F input / output
16	ADIO1	1/0		AD I/F input / output
17	ADIO2	1/0		AD I/F input / output
18	VCC1			Power supply (3.3V)
	VSS1	1		GND
	PWM	0	1	PWM signal output
	PLINT	+ + +	 	PLL I/F input
	PLCE	1 0	c	PLL I/F output
	PLSCK	1 8	č	PLL I/F output
	PLTX	1 6	č	PLL I/F OUtput
			<u> </u>	PLL I/F output
	PLRX	1 1		PLL I/F input
	PLIO0	1/0		PLL I/F input / output
	PLIO1	1/0		PLL I/F input / output
	PLIO2	1/0		PLL I/F input / output
	DDINT			Darc I/F input
30	DDCE	0	С	Darc I/F output
31	DDSCK	0	С	Darc I/F output
32	DDTX	0	C	Darc I/F output
	DDRX	1	1	Darc I/F input
	DDIO0	1/0	 	Darc I/F input / output
	DDIO1	1/0	 	Darc I/F input / output
	DDIO2	1/0		
	TIOAO		 	Darc I/F input / output
		1/0		Parallel input / output
	TIOA1	NO -		Parallel input / output
	TIOB0	1/0		Parallel input / output
	TIOB1	1/0		Parallel input / output
	VCC2			Power supply (3.3V)
	VSS2	1		GND
	A19-9	1/0		Address bus input / output
	VCC3			Power supply (3.3V)
	VSS3			GND
56-64		1/0		Address bus input / output
65	VCC4		T	Power supply (3.3V)
66		1	1	GND
	D0-15	1/0	 	Address bus input / output
83		+ "-	 	Power supply (3.3V)
84				GND
85		110	 	
		1/0		Upper data write strobe input / output
	WRLB	1/0		Lower data write strobe input / output
87		1/0	1	Read data strobe input / output
	CS2B	1/0		Chip select aria 1 for external storage input / output
	CS0B	1/0		Chip select aria 0 for ROM input / output
00	VCC6	1		Power supply (3.3V)

Pin No.	Pin Name	1/0	F	Continue of Occupitation
		1/0	Format	Function and Operation
91	VSS6			GND
	TEST2			Test mode
	CKOEB			CK output enable input
	CK	0	С	CPU clock output
95		0	Č	DRAM low address strobe output
96	CS3B	0	С	DRAM column address strobe output
	CS1B	0	С	DRAM column address upper byte strobe output
	RTCVSS1			Power supply (3.3V)
99	SRAMB	1		Backup memory select input
	STANBYB			Stand by signal input
	RTCVSS0			GND
	XRTCIN			Sub crystal oscillator input (RTC)
	XRTCOUT	0	С	Sub crystal oscillator output (RTC)
	RTCVCC			Power supply (3.3V)
	PCKSEL0	1		Processor clock select input
	PCKSEL1	1		Processor clock select input
	CCKSEL	1		CRCK signal select input
	CCKDIR	1/0		Carrier clock direct input / inverter amp output
109	CCKVCC			Power supply (3.3V)
110	CRCK	-		Carrier clock input
111	CCKGND			GND
112-118	PC0-6	1/0		Parallel input / output
	NMI			Connect to VCC
	RESETB	1		System reset input
121	MSTRSTB	1		Test reset input
122	TEST0	- 1		Test mode input
123	TEST1	1		Test mode input
124	REFSEL			GPS reference clock select input
125	REFCK			Reference clock input
126	VCC7			Power supply (3.3V)
	VSS7			GND
	XAUXIN			Sub crystal oscillator output input (AUX)
	XAUXOUT	0	С	Sub crystal oscillator output (AUX)
130-133		Ī	1	Parallel input
134-137		1/0		Parallel input / output
138		1/0		SIO3 Transmission data input / output
139		1/0	1	SIO3 Reception data input / output
140		Ö	С	Watch dog timer output
141	IFDIR	1/0		IF direct input / IF inverter amp output
142	IFVCC			Power supply (3.3V)
143	l iF	1		IF input
144		i	1	IF amp GND input

* PD3390A



Format	Meaning
C	CMOS

AYIC:N2/XU/UC

AVIC-N2/XU/UC

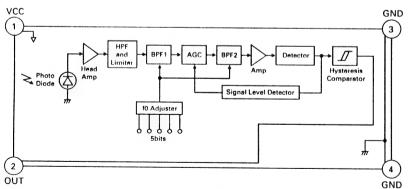
●Pin Functions(LC72720YVS : EW model)

Trin ru	nctions(Lt	1212	UYVS : EW model)
Pin No.	Pin Name	1/0	Function and Operation
1 1	VREF	O	Reference voltage output
2	MPXIN	1	Base band (multiplexed) signal input
3	Vdda	l	Analog system power supply (+5V)
4	NC		Not used
5	Vssa		Analog system GND
8 7	FLOUT	0	Sub carrier output (filter output)
7	ČÍN	1	Sub carrier input (comparator input)
8	NC		Not used
9	T1	1 " 1 "	Test input (connect to GND)
10	T2	1	Test input (stand-by control)
11	T3	0	RDS clock output
12	NC	**************************************	Not used
13	T4	Õ	RDS data output
14	T5	0	Soft-decision control data output
15	XOUT	Ō	Crystal oscillator output
16	XIN	1	Crystal oscillator input
17	Vddd		Digital system power supply (+5V)
18	Vssd		Digital system GND
19	NC		Not used
20	T6	0	Error status,regenerated carrier and error block count outputs
21	T7	Ö	Error correction status, SK detection and error block count outputs
22	SYNC	Ö	Block synchronization detection output
23	NC		Not used
24	RDS-ID	0	RDS detection output
25	DO	Ö	Data output
26	CL	Ť	Clock input
27	NC		Not used
28	DI		Data input
29	CE	1	Chip enable input
30	SYR	1	Synchronization and RAM address reset input
			Legisland and the second and the sec

* LC72720YVS(EW model)

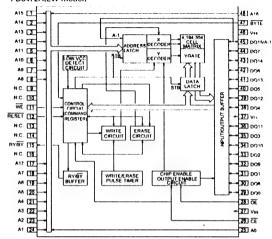


SBX3050-01



* PD6473A(UC model)

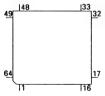
* PD6472A(EW model)



● Pin Functions (PD6340A)

		T	
Pin No.	Pin Name	1/0	Function and Operation
1-5	SEG4-0	0	LCD segment output
6-9	COM3-0	0	LCD common output
10	VLCD		LCD drive power supply
11-14	KST3-0	0	Key strobe output
15,16	KDT0,1	1	Key data input (analogue input)
17	REM	1	Remote control reception input
18	DPDT	1	Display data input
19	NC		Not used
20	KYDT	0	Key data output
21	MODA		GND
22	XO		Crystal oscillator connection pin
23	XI		Crystal oscillator connection pin
24	VSS		GND
25,26	KDT2,3	1	Key data input
27,28	KST5,4	0	Key strobe output
29-55	SEG39-13	0	LCD segment output
56	VDD		Power supply
57-64	SEG12-5	0	LCD segment output

* PD6340A



282

AVIC:N2/XU/UC

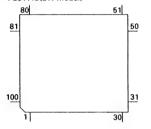
AVIC-N2/XU/UC

●Pin Functions(PE5412B: UC model)(PE5411B: EW model)

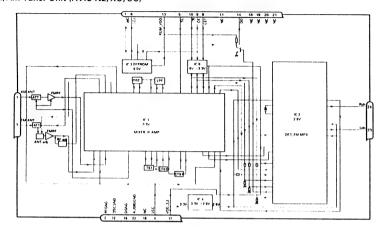
<u> </u>			D. OO MODDIN ESTID. ETT MODEL
	Pin Name	1/0	
1	HTOP	0	UART output to power supply microcomputer
2	HFANCONT		Not used
3-5			Not used
6			UART input from monitor microcomputer
7	нтом	ò	
		· ·	UART output to monitor microcomputer
8	TSCK		Not used
9	EVDD		Power supply
10	EVSS		GND
11	MUTEAMP	0	Mute output (AMP)
12	ACCPW		Not used
13	SWACPW	0	
	JAN CODIA	ŏ	Monitor microcomputer power supply output
14	HACCPW	U	Hide away power supply ON/OFF output
	NC		Not used
18			Not used
19	SWVDDSW		Not used
20	HFANON		Not used
21	VPP		VSS
22	VCK	0	E-VOL : Clock output
			E-VOL . Clock output
23	VDT	0	E-VOL ; Data output
24	VST	0_	E-VOL : Strobe pulse output
25	MUTEVOL	0	E-VOL : Mute output
26	RX	1	IP-BUS : Data input
27	TX	0	IP-BUS : Data output
	IPPW	ō	IP-BUS : Driver power supply control output
29		ŏ	IP-BUS : Slave ACC sense output
30			Not used
31	ROMDATA		Not used
32			Not used
33	ROMCS		Not used
34	RESET		Reset input
35			Open
36	XTI		Pull up
37	REGC		Memory connection for the regulator stabilization
38	X2		Crystal oscillator connection pin
39	X1		Crystal oscillator connection pin
40	VSS		GND
41	VDD		Power supply
42	PCL		Clock output
43			Not used
44			Reverse signal sense input
45,46	STEST1,2		Single operation mode input1,2
47,48	SIMUKE 1,2		Not used
49	TESTIN	1	Test mode input
50		<u> </u>	Not used
51,52			
			VSEL input1,2
53			AV-BUS : AV ON input
54-57			Not used
58	BVDD		Power supply
59			GND
60			Not used
61		-	RDS : High speed signal input (EW model)
62			
			RDS : Signal input (EW model)
63			RDS : Data input (EW model)
64			Not used
65,66	TUNCE 1,2	0	PLL chip enable output1,2
67	NC		Not used
	HMUTEA	0	Rear voice mute output
69		ŏ	
70		-	Rear picture driver stand-by output
			Not used
71	SCL	1/0	IIC-BUS : Clock input/output
72	SDA	1/0	IIC-BUS : Data input/output
73	AVSELMUTE		Not used
74			VDD
75			VSS
76		 	
			Not used
77	TUNSL		FM/AM tuner : Signal level analog input

I	Pin No.	Pin Name	1/0	Function and Operation
I	78	TEMP		Not used
I	79-89	NC		Not used
I	90	BSENS		Backup sense input
I	91	ASENS	1	ACC sense input
I	92	TUNLDET	1	Tuner : PLL lock detect input (EW model)
Ī	93	RDSCK	1	RDS : Data clock input (EW model)
ſ	94-96	NC		Not used
ſ	97	TUNPDI	1	FM/AM tuner : PLL data input
I	98	TUNPDO	0	FM/AM tuner : PLL data output
[99	TUNCK	0	PLL clock output
I	100	PTOH	1	UART input from power supply microcomputer

* PE5412B(UC model)
* PE5411B(EW model)

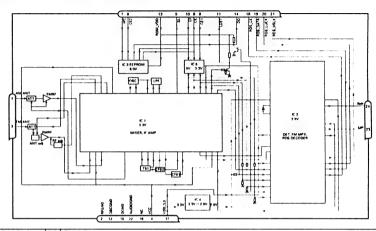


● FM/AM Tuner Unit (AVIC-N2/XU/UC)



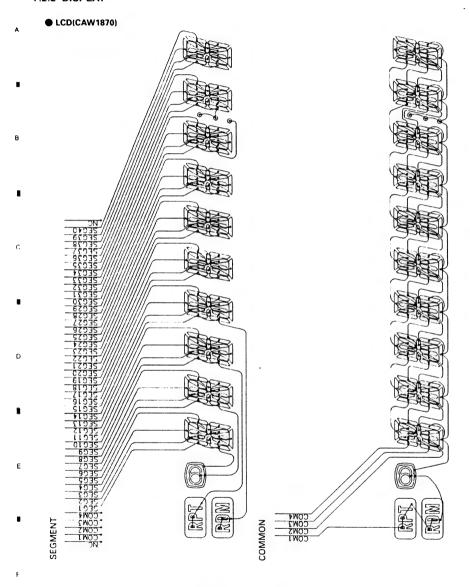
	Symbol	1/0	Explain	
1	AMANT	1	AM antenna input	AM antenna input high impedance AMANT pin is connected with an all antenna by way of 4.7µH. (LAU type inductor) A series circuit including an inductor and a resistor is connected with RF ground for
				the countermeasure against the hum of power transmission line.
	RFGND		RF ground	Ground of antenna block
	FMANT		FM antenna input	Input of FM antenna 75W Surge absorber(DSP-201M-S00B) is necessary
	VCC		power supply	The power supply for analog block. D.C 8.4V ± 0.3V
	SL	0	signal level	Output of FM/AM signals level
	CE2		chip enable-2	Chip enable for EEPROM "Low" active
7	wc	1	write control	You can write EEPROM, when EEPROM write control is "Low".
				Ordinary non connection
	CE1	-	chip enable-1	Chip enable for AF•RF "High" active
9	CK	1	clock	Clock
10	DI	1	data in	Data input
11	NC		non connection	Not used
12	OSCGND		osc ground	Ground of oscillator block
13	ROM_VDD		power supply	Power supply for EEPROM pin 13 is connected with a power supply of micro computer.
14	DO	0	data out	Data output
15	DGND		digital ground	Ground of digital block
16	NC	1	non connection	Not used
17	VDD_3.3		power supply	The power supply for digital block. 3.3V ± 0.2V
18	NC		non connection	Not used
19	NC		non connection	Not used
20	NC		non connection	Not used
21	NC		non connection	Not used
22	AUDIOGND		audio ground	Ground of audio block
23	L ch	0	L channel output	FM stereo "L-ch" signal output or AM audio output
24	R ch	0	R channel output	FM stereo "R-ch" signal output or AM audio output

● FM/AM Tuner Unit (AVIC-X1R/XU/EW)



No.	Symbol	1/0	Explain	•
1	AMANT	1	AM antenna input	AM antenna input high impedance AMANT pin is connected with an all antenna by way of 4.7μH. (LAU type inductor) A series circuit
				including an inductor and a resistor is connected with RF ground for the countermeasure against the hum of power transmission line.
	RFGND		RF ground	Ground of antenna block
	FMANT	1	FM antenna input	Input of FM antenna 7502 Surge absorber(DSP-201M-S00B) is necessar
	VCC	-	power supply	The power supply for analog block. D.C 8.4V ± 0.3V
	SL	Ó	signal level	Output of FM/AM signals level
	CE2	-	chip enable-2	Chip enable for EEPROM "Low" active
	WC	+	write control	You can write EEPROM, when EEPROM write control is "Low".
'	WC	'	write control	
	CE4			Ordinary non connection
	CE1		chip enable-1	Chip enable for AF-RF "High" active
	CK		clock	Clock
10			data in	Data input
	LDET	0	lock detector	"Low" active
	OSCGND		osc ground	Ground of oscillator block
13	ROM_VDD		power supply	Power supply for EEPROM pin 13 is connected with a power supply of
				micro computer.
	DO	0	data out	Data output
15	DGND		digital ground	Ground of digital block
	NC		non connection	Not used
17	VDD_3.3		power supply	The power supply for digital block. 3.3V ± 0.2V
18	RDS_CK	0	RDS clock	Output of RDS clock(2.5V)
19	RDS_DATA	0	RDS data	Output of RDS data(2.5V)
20	RDS_LOCK	0	RDS lock	Output unit "High" active(2.5V) (RDS_LOCK turns over by the
				external transistor. "Low" active)
21	RDS_HSLK	0	RDS high speed	Output unit "High" active(2.5V)(RDS_HSLK turns over by the
	_		lock	external transistor. "Low" active)
22	AUDIOGND		audio ground	Ground of audio block
23	L ch	0	L channel output	FM stereo "L-ch" signal output or AM audio output
24	R ch	0	R channel output	FM stereo "R-ch" signal output or AM audio output

7.2.2 DISPLAY



7.3 EXPLANATION

7.3.1 MECHANISM DESCRIPTIONS

Outline of the FLAP motion

- The motion is actuated made by two motors, the forward/backward driving motor (CXB9515) and the angle driving motor (CXB9516).
- Analog electric potential generated by the angle encoder is detected to detect angle motion status and motion position.
- 3. Memory function for the angle last position is accomplished by the micro processor using the 256 resolution steps of the VDD.
- 4. A pulse is detected by the photo interrupter to detect the horizontal motion status.
- 5. In the case of reset start, the monitor will be in a stored position first, and ejection motion will take place, which puts the system in the booted up state.
- 6. Angle adjustment is made by the angle key (+/-).
- OPEN/CLOSE key makes the monitor stored or ejected, and temporary folding key folds the monitor temporarily.
- Setting of the monitor auto storage/ejection ON/OFF and set back ON/OFF at the time of ACC ON/OFF is made on the navigation menu screen.
- 9. A backlight is switched off during forward/backward and storage.

● Explanation on the FLAP ejection motion

1. When the OPEN key is pressed or ACC is set to ON while the auto OPEN/CLOSE is being set to ON, angle driving motor rotates in the 0° direction for 500ms. (Pressed down.)



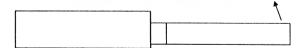
2. After 500ms, the angle driving motor is stopped, and the forward/backward driving motor rotates in the ejection direction.



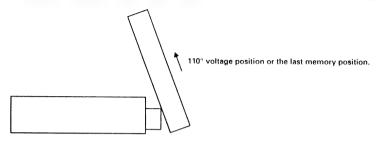
3. For a period of 600ms from the time when LIFTSW is switched from H to L, the forward/backward driving motor keeps rotating in the ejection direction.



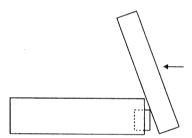
4. After 600ms, the forward/backward driving motor is stopped, and the angle driving motor rotates in the UP



5. When the angle voltage reaches the voltage for 110°, brake is applied to the angle driving motor, and the ejection is completed. (In case the previous angle is stored in the memory, the motion continues to that angle.)

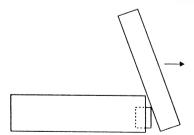


6. When the setback is set to ON, after the monitor angle voltage has reached the previously memorized voltage, brake is applied to the angle driving motor, then the forward/backward driving motor is rotated in slow speed in the storage direction. After that, when LIFTSW has switched from L to H, the forward/backward driving motor is stopped.



● Explanation of the FLAP storage motion

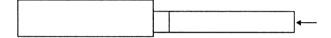
1. When CLOSE key is pressed, or after 6 seconds from ACC OFF when auto OPEN/CLOSE is being set to ON, the angle driving motor is rotated in the 0° direction. In case the setback setting is ON, the forward/backward driving motor is rotated in high speed in the ejection direction and the motor continues to rotate for 600ms from the time when LIFTSW is switched from H to L, then the angle driving motor is rotated in the 0° direction.



2. For a period of 500ms from the time when DIGOSW is switched from H to L, the angle driving motor is rotated in the 0" direction for the "pressed down" motion.



3. After 500ms, brake is applied to the angle driving motor, and then the forward/backward driving motor is rotated in the storage direction.

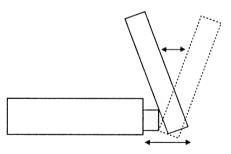


4. When the horizontal motion detection pulse is no longer detected for 200ms, brake is applied and the monitor storage motion is completed.



Explanation on the FLAP angle adjustment

1. The angle driving motor is rotated in UP direction by the "+" key and in DOWN direction by the "-" key from the monitor stop position. If the key is kept pressed, the monitor will keep changing the angle without steps within the range of 50 to 110 degrees. When the setback is being set to ON, the forward/backward driving motor is rotated in the horizontal ejection direction while the key is being pressed, and angle adjustment is made by changing the angle voltage to the extent the angle adjustment key is effective after 600ms has elapsed from the time when LIFTSW has switched from H to L. When 3 seconds have elapsed from the time of angle adjustment completion, the forward/backward driving motor is rotated in slow speed in the horizontal storage direction, and brake is applied when LIFTSW has switched from L to H.

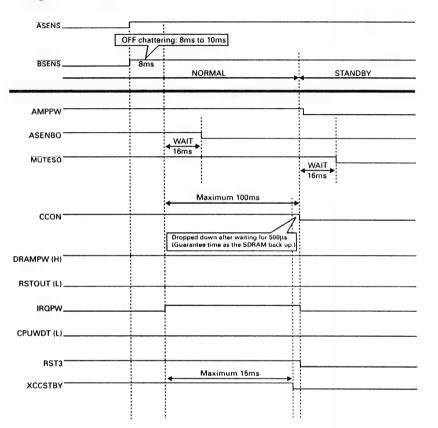


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● Navigation Unit (2) (ACC OFF)

OFF chattering: 8ms to 10ms | Stanby request ASENS. NORMAL STANDBY WAIT 8ms Maximum 32 seconds waiting. AMPSTB ASENBO : WAIT 16ms MUTESO CCON" UART status transition WAIT WAIT 16ms 16ms Waiting to 500µs after XCCSTBY OFF.
(Guarantee time as the SDRAM back up.) DRAMPW (H) RSTOUT (L) IRQPW (L)_ CPUWDT (L). RST3 XCCSTBY (L)

● Navigation Unit (3) (BUP OFF)



300

AVIC N2/XU/UC

AVIC-N2/XU/UC

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UART receive (RXD) munication portion)

Touch panel

Monitor Unit

Connection response

Backlight ON ON command

Backlight OFF of Acc OFF

OFF.

Monitor

305

SWACPW (from the system microprocessor) DIMMER PIP data MFLPW MVIPW power ON

(minimum) *1

7

48ms *3

1: While MFLPW will turn ON by the backlight ON command, it will not turn ON for at least 700ms after MVIPW ON.
2: In case connection response is not received from the system microprocessor within 200ms from the transmission of connection request, retry process will take place. Retry process will take place for 200ms x 16 times. In case the retry process is finished without receiving the request signal, the initial communication is determined to be NG (connection NG), and no more process will take place.
3: After 48 ms from the monitor power ON, the touch panel process (taking in AD coordinate) will take place.

Cleaning paper: GED-008 Fans Portions to be cleaned | Cleaning tools Cleaning paper: GED-008 DVD pickup lenses Cleaning liquid: GEM1004 Portions to be cleaned Cleaning tools

Before shipping out the product, be sure to clean the following portions by using the prescribed cleaning tools:

(3)

7.4 CLEANING

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VIIC-NS/XN/NC

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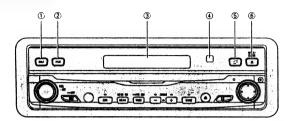
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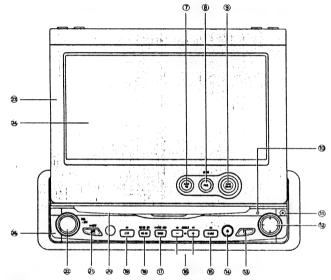
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8. OPERATIONS





(1) DISP button

Press to select different displays.

(2) PGM button (AVIC-N2/XU/UC)

Press to operate the preprogrammed functions for each source.

(2) TA/NEWS button (AVIC-X1R/XU/EW)

Press to turn traffic announcements function on or off. Press and hold to turn NEWS function on or off.

(3) Sub display

Current time or the information of the audio source currently playing is displayed when the LCD panel is closed.

(4) Ambient light sensor

Senses ambient light. This system automatically adjusts the brightness of the display to compensate for ambient light.

(5) FLIP DOWN/CLOCK button

Press to turn the LCD panel horizontal temporarily when the LCD panel is upright.

Press to turn the clock of the sub display on or off when the LCD panel is closed.

(6) OPEN/CLOSE button

Press to open or close the LCD panel.

(7) NAVI/AV button

Use to switch between Navigation map displays and audio operation displays.

(8) POS button

Press to view the map or return to guidance. Also, when the map is scrolling, pressing this button returns you to the display of the map of your surroundings.

Use to switch the view mode of the navigation when the map of your surroundings is displayed.

(9) NAVI MENU button

Press to display a menu of Navigation.

(10) RESET button

Press to return to the factory settings (initial settings). Some information items are not erased.

(11) DETACH button

Press to remove the front panel from the display unit.

(12) Joystick

Move to do manual seek tuning, fast forward, reverse and track search controls, etc. Push to display A.MENU.

(13) EQ button

Press to select various equalizer curves.

(14) EJECT button

Press to eject a disc from this unit.

(15) BAND button

Radio:

Press to select among three FM and one AM bands.

Built-in DVD drive:

When playing back a disc containing an MP3 file and audio data (CD-DA), pressing this button switches playback between the MP3 file and CD-DA. Touch and hold this button when a disc containing an MP3 file is inserted returns you to the root folder.

(16) ANGLE (+/-) button

Press to change the LCD panel angle.

(17) WIDE button

Press to select a desired mode for enlarging a 4:3 picture to a 16:9 one.

Press and hold to enter the PICTURE ADJUST mode.

(18) REAR button

Press to output to the REAR OUT terminal the sound and images of a disc inserted in the builtin DVD drive that is different the currently selected source.

(19) ENT button

Press to switch between the background dis-

(20) Disc loading slot

Insert a disc to play.

(21) SRC (SOURCE) button

This unit is turned on by selecting a source. Press to cycle through all of the available sources. Press and hold to turn the source off.

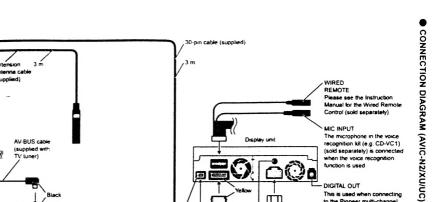
(22) VOLUME/ATT button

Rotate to increase or decrease the volume. Press to quickly lower the volume level, by about 90%. Press once more to return to the original volume

(23) LCD panel

(24) LCD screen

(25) Front panel



must be required.

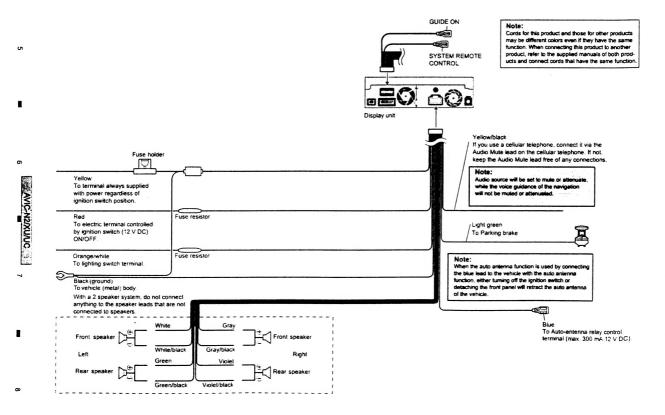
When installing the XM tuner in the trunk, etc., the extension cable (e.g. CD-600DC) (sold separately) is required.

When installing when installing the Hide-away unit in the trunk, etc., the extension cable (e.g. CD-SC300E) (sold separately) MIC INPUT The microphone in the voice recognition kit (e.g. CD-VC1) (sold separately) is connected when the voice recognition function is used. AV-BUS cable **₽ □000 ■** DIGITAL OUT This is used when connecting to the Pioneer multi-channel processor (sold separately), that is compatible with this unit Otherwise this is not used. 000 BEN 1 1. .-GisP (Guidance speaker output)
This is not used normally
When combining this unit with
Pioneer multi-channel processor
(sold separately) that is compatible
with this unit, G.S.P with be used to
output the guidance voice
in this case, the Pioneer external
speaker (e.g. CD-TS37GP) (sold
separately) must be connected to
the SP-OUT jack (2.5 s MINI JACK,
1W max [16 (JI)].
For details, see the operation manual
of the external speaker AGO , IP-BUS cable (supplied with TV tuner) A WARNING (A) WARNING:

To avoid the risk of accident and the potential violation of applicable lower, this unit should never the used while the weither is being offer ever the used while the weither is being offer ever the used while the weither is being offer every the used of the should not be in a location where it is a viable distraction to the driver. In some countries or states the viewing of images on a display inside a vehicle even by persons other than the driver may be itlegat. Where such regulations apply they must be obeyed and this unit's DVD or TV features should not be used. No chi bay y ye Po.C XM DATA cable XM DATA cable
(supplied with XM tuner)

When combining this unit with GEXP10XMT (sold separately), this connection

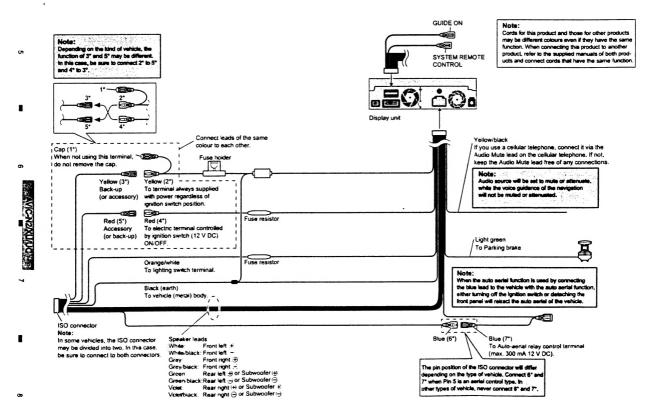
IP-BUS cable (supplied with XM tuner)



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306

AVIC-N2XU/UC-



After Installing the Unit

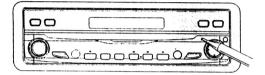
1. Reconnecting the battery.

First, double-check that all connections are correct and that the unit is installed correctly. Reassemble all vehicle components that you previously removed. Then reconnect the negative (–) cable to the negative (–) terminal of the battery.

2. Start the engine.

3. Press the RESET button on the display unit.

Press the RESET button on the display unit using a pointed object such as the tip of a pen.



4. Enter the following settings:

- Install the programme in the navigation system.
- · Drive until the initialized sensors start operating normally.
- · Set the time and language.

Note:

If you reconnected the Hide-away unit, press the RESET button.

After installing the unit, be sure to check at a safe place that the vehicle is performing

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AVIC-N2/XU/UC

311

JIG's List

Function	Name	I II- NI-
		Jig No.
CC Unit (CN609) <> Main Unit (CN3801)	PCB	GGF1461
CC Unit (CN609) <> GGF1461	40P FFC	GGD1170
CC Unit (CN609) <> GGF1461	20P FFC	GGD1209
CC Unit (CN608) <> Monitor PCB (CN4002)	PCB	GGF1483
CC Unit (CN2701) <> Panel PCB (CN5901)	18P FFC	GGD1208
Monitor PCB (CN4002) <> GGF1483	36P FFC	GGD1366
Monitor Adjustment PCB	PCB	GGF1416
JIG connector Assy	PCB and FFC	GGF1463
Monitor PCB ("FOR SERVICE" 14P terminal) <> GGF1463	14P FFC	GGD1323
TEST DISC (Operation check)	CD-ROM or DVD-ROM	GGV1137
DVD pickup lenses	CLEANING LIQUID	GEM1004
DVD pickup tenses and Fans	CLEANING PAPER	GED-008

AMOR MUNICIPAL